**FIG. 1**

4x4 Gigabit Switch

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 SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR UPDATING A
 SWITCHING TABLE IN A SWITCH FABRIC CHIPSET SYSTEM
 Inventors: You-Sung CHANG, et al.
 Attorney Docket No.: 56030.00027

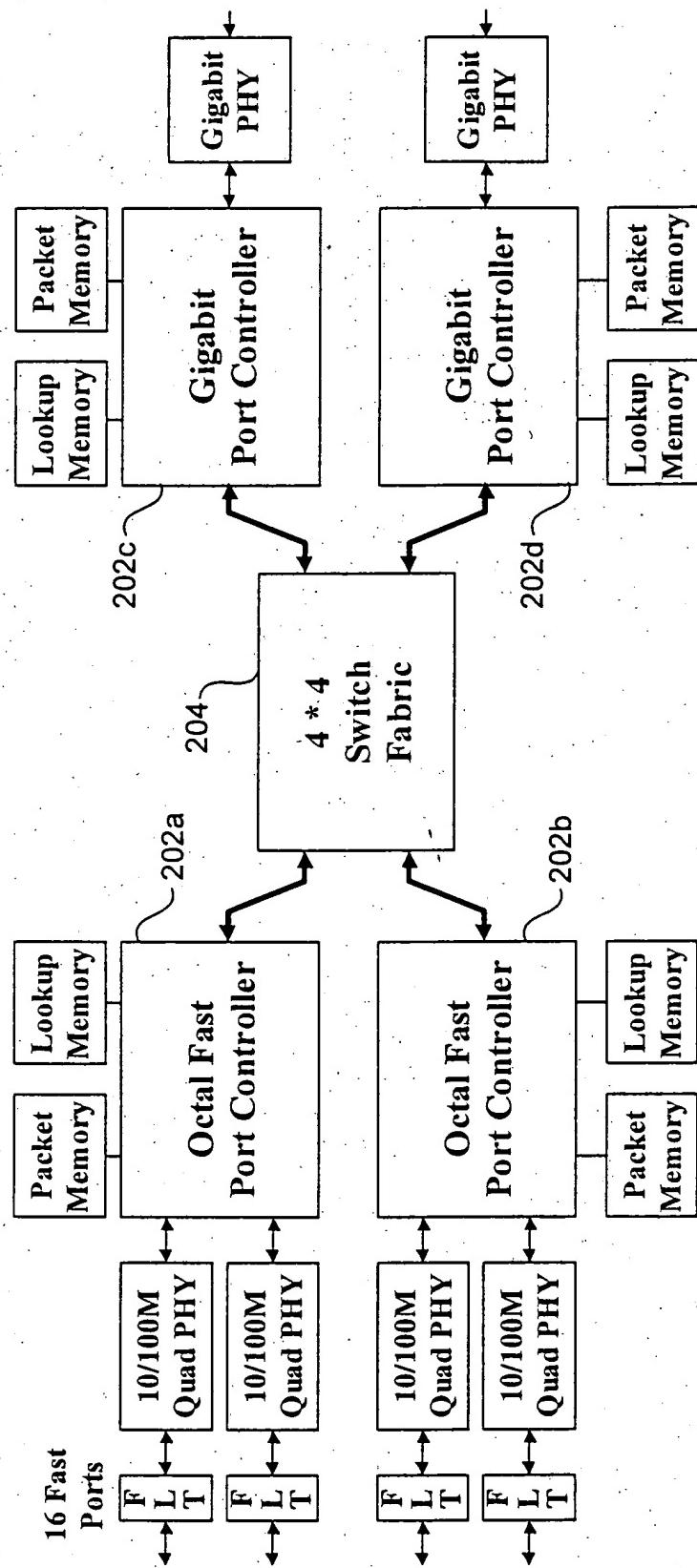


FIG. 2

□ Gigabit Up-linking

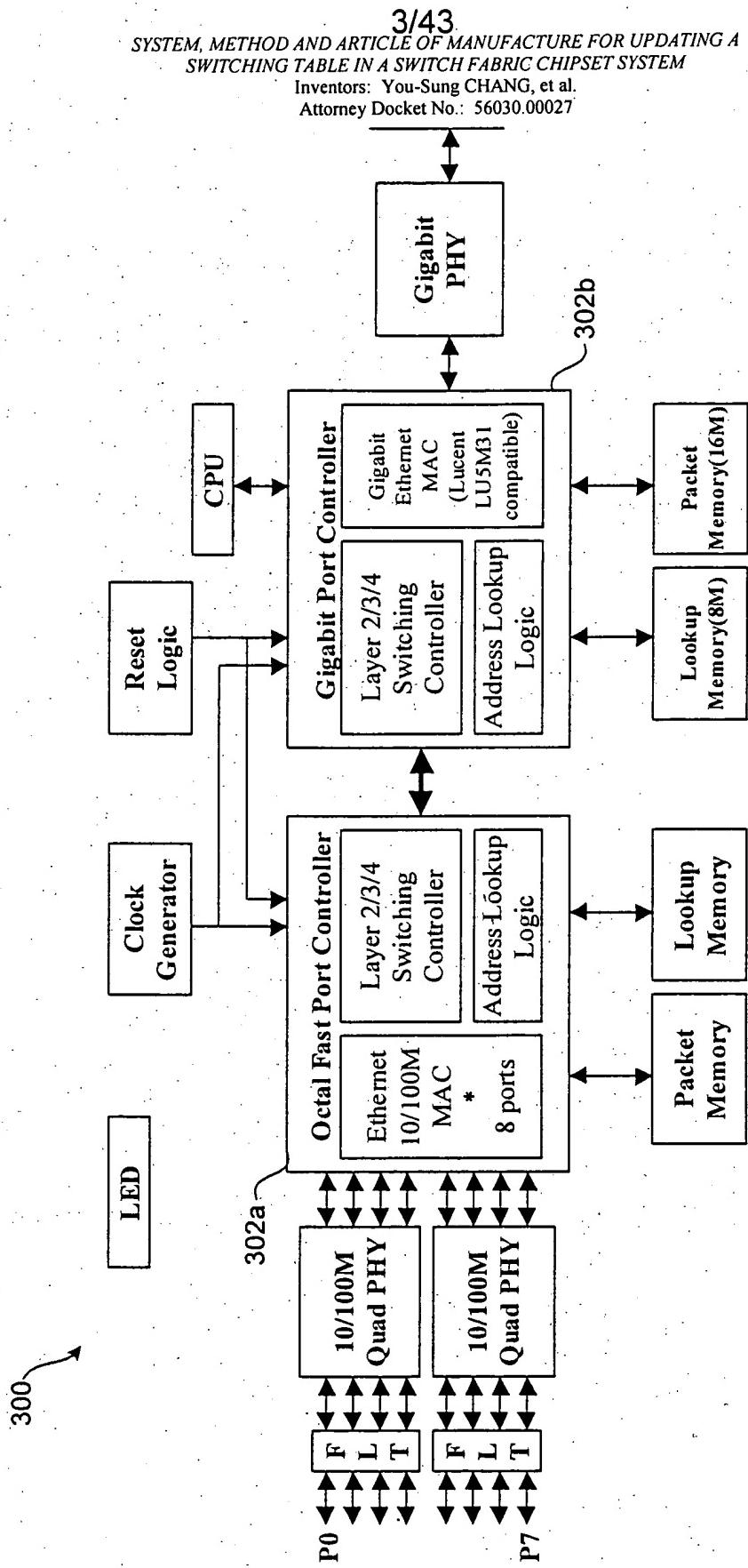


FIG. 3

SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR UPDATING A SWITCHING TABLE IN A SWITCH FABRIC CHIPSET SYSTEM

Inventors: You-Sung CHANG, et al
Attorney Docket No.: 56030.00027

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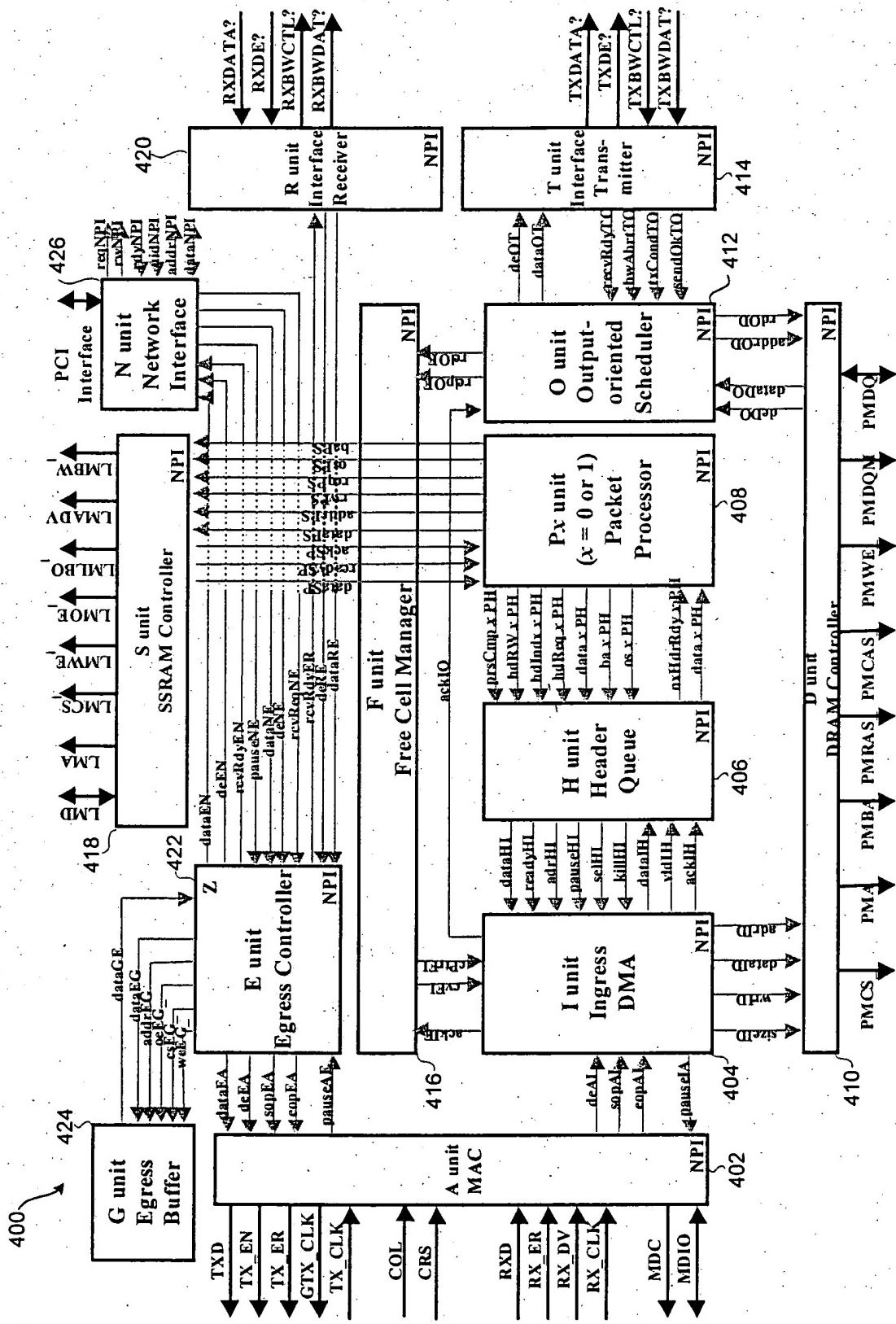


FIG. 4

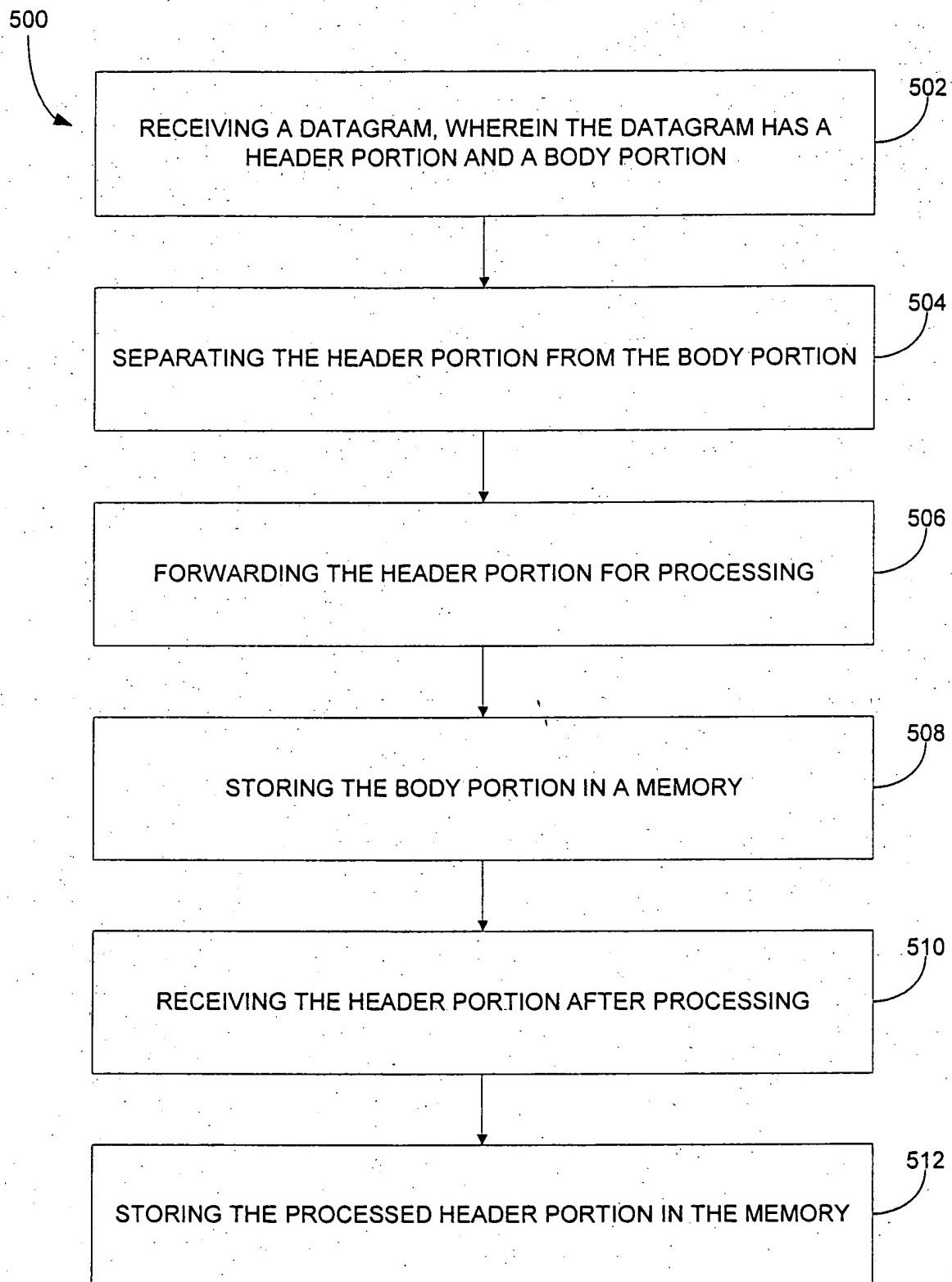


FIG. 5

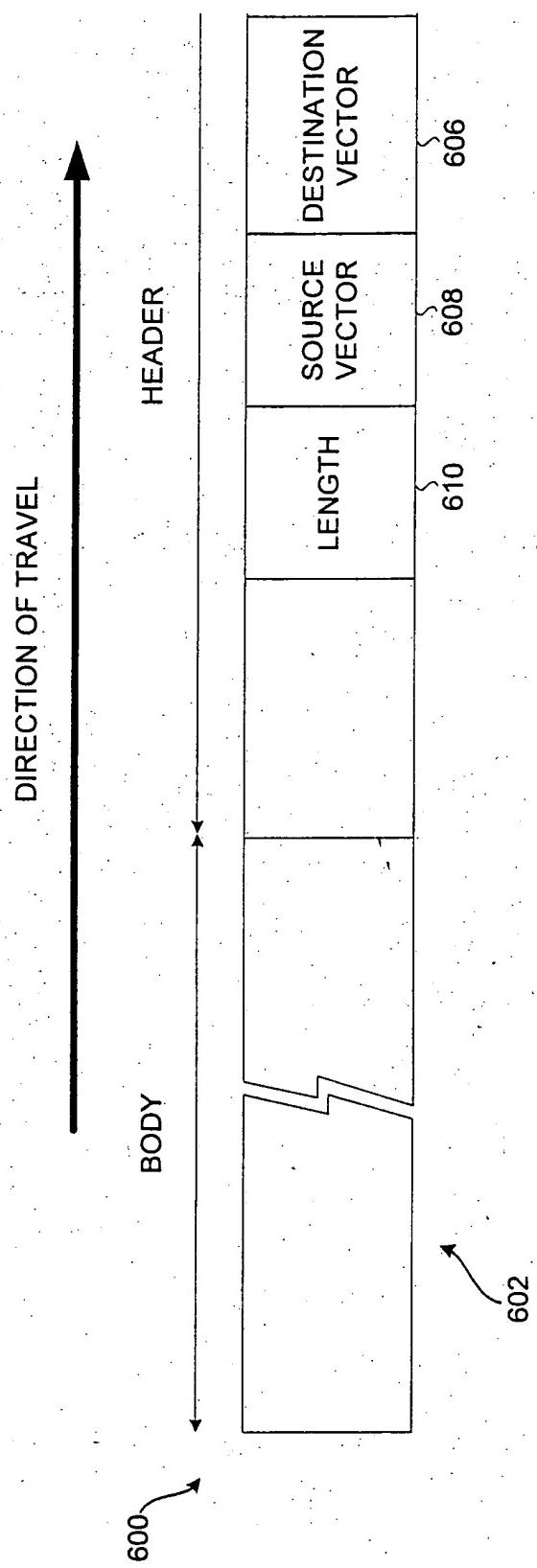


FIG. 6

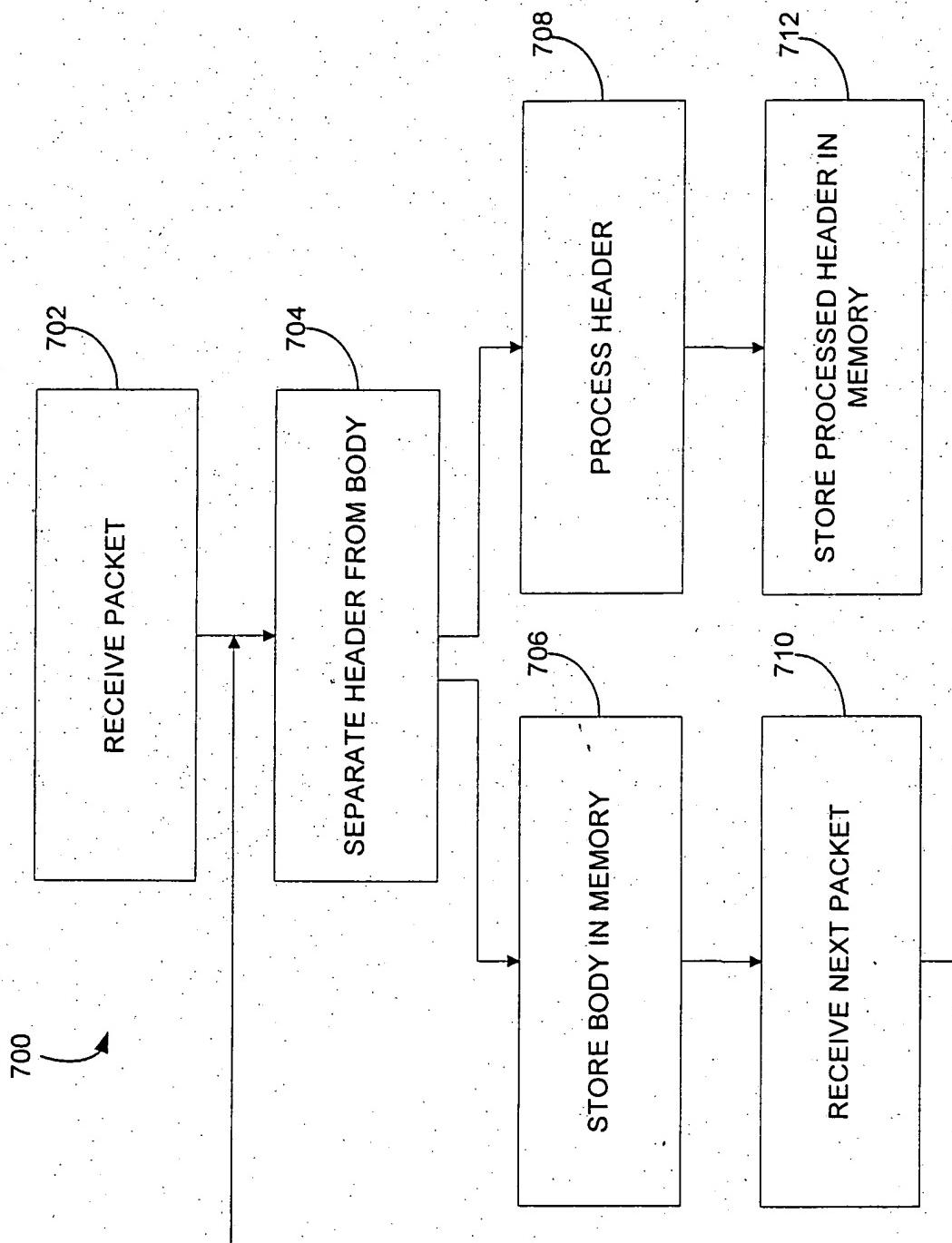


FIG. 7

SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR UPDATING A
SWITCHING TABLE IN A SWITCH FABRIC CHIPSET SYSTEM

Inventors: You-Sung CHANG, et al.

Attorney Docket No.: 56030.00027

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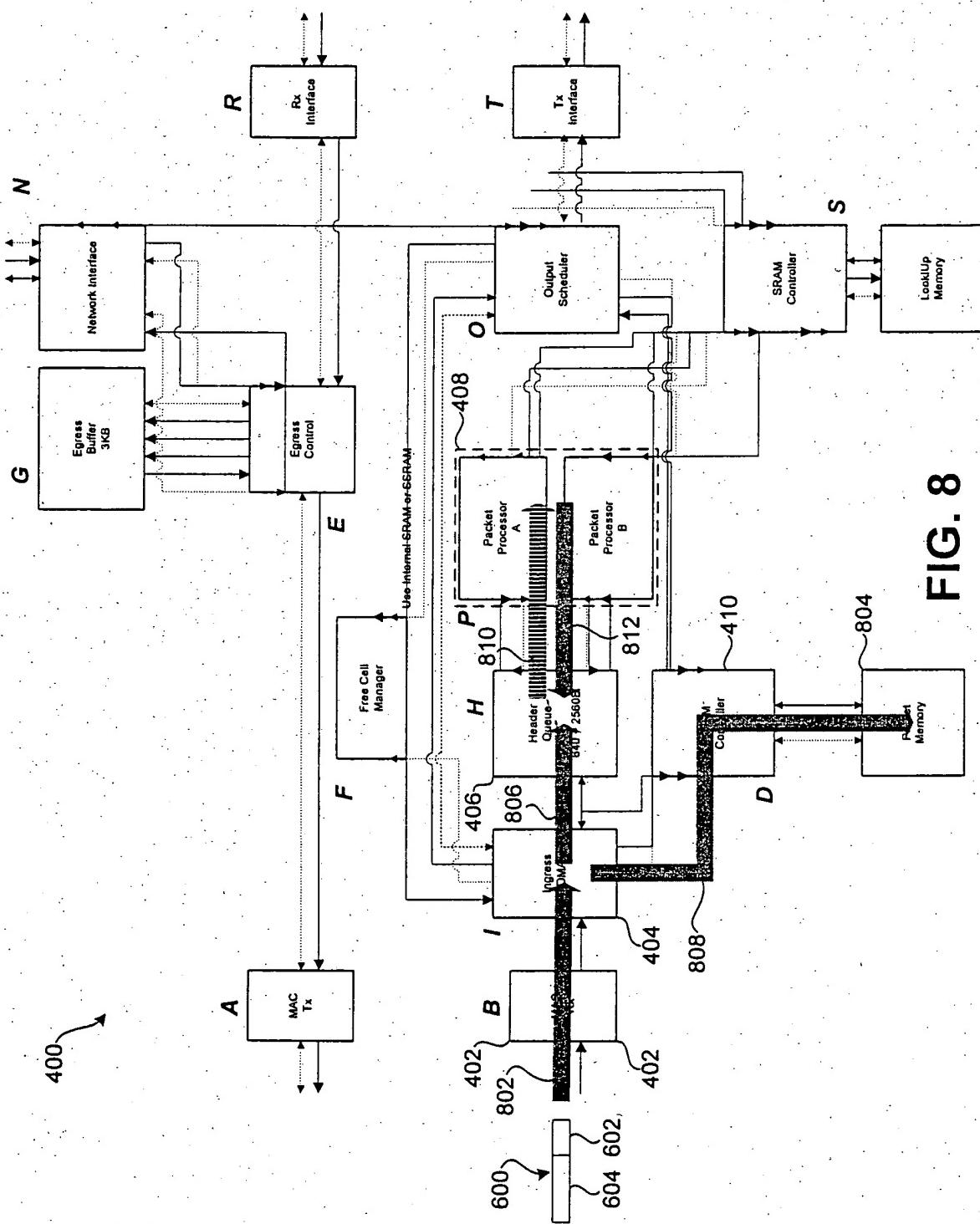


FIG. 8

SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR UPDATING A
SWITCHING TABLE IN A SWITCH FABRIC CHIPSET SYSTEM

Inventors: You-Sung CHANG, et al.

Attorney Docket No.: 56030.00027

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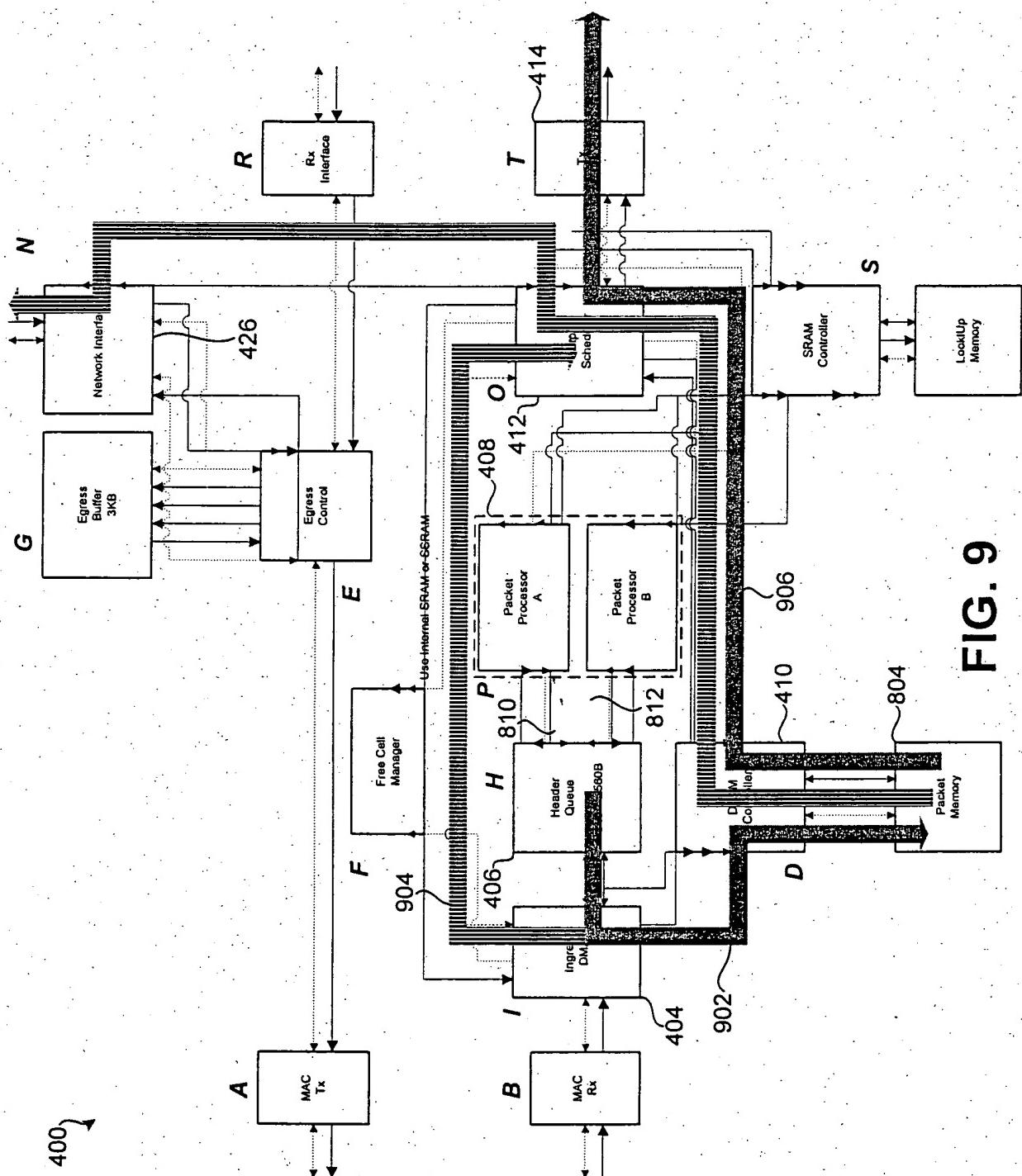


FIG. 9

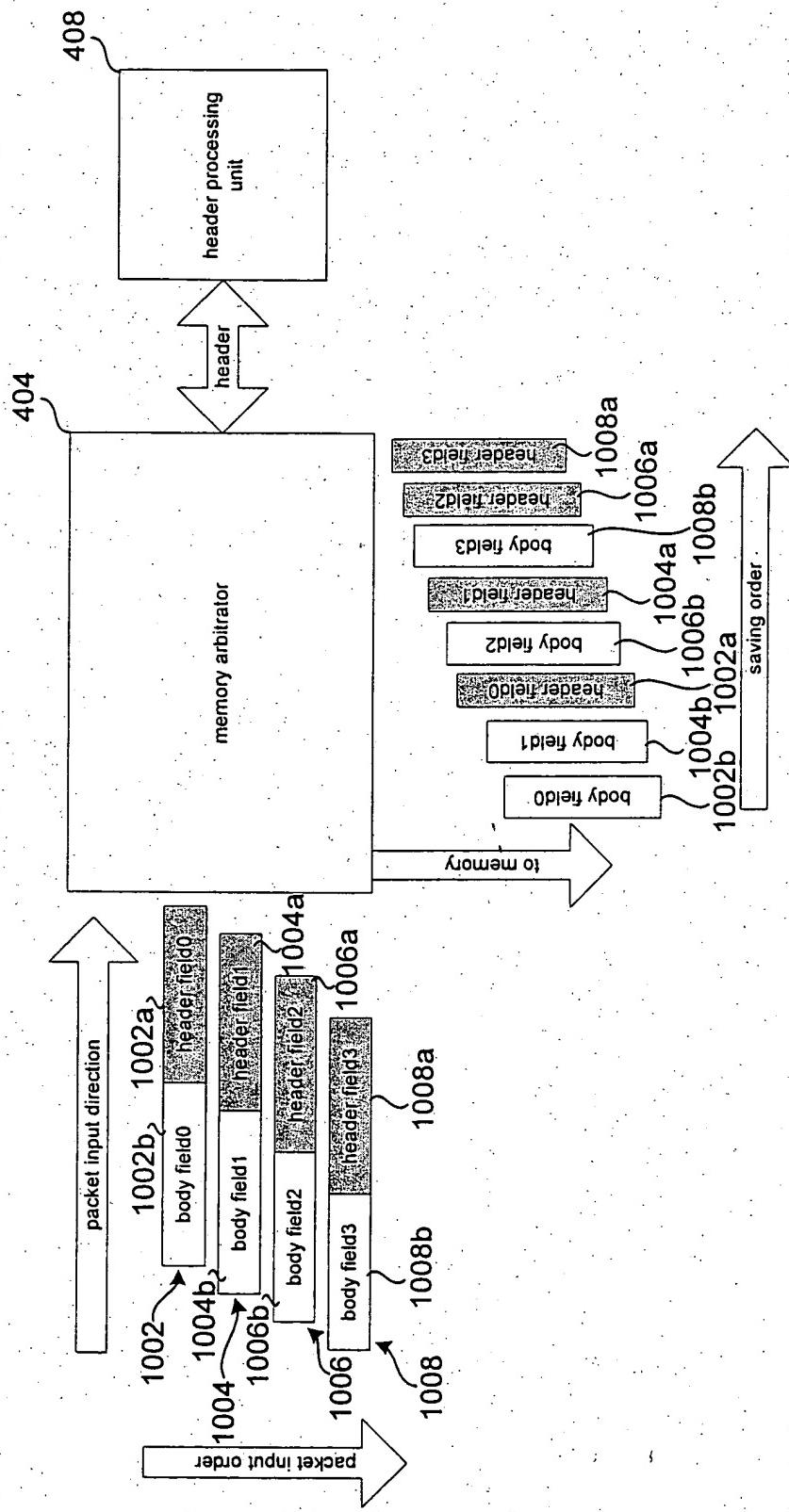


FIG. 10

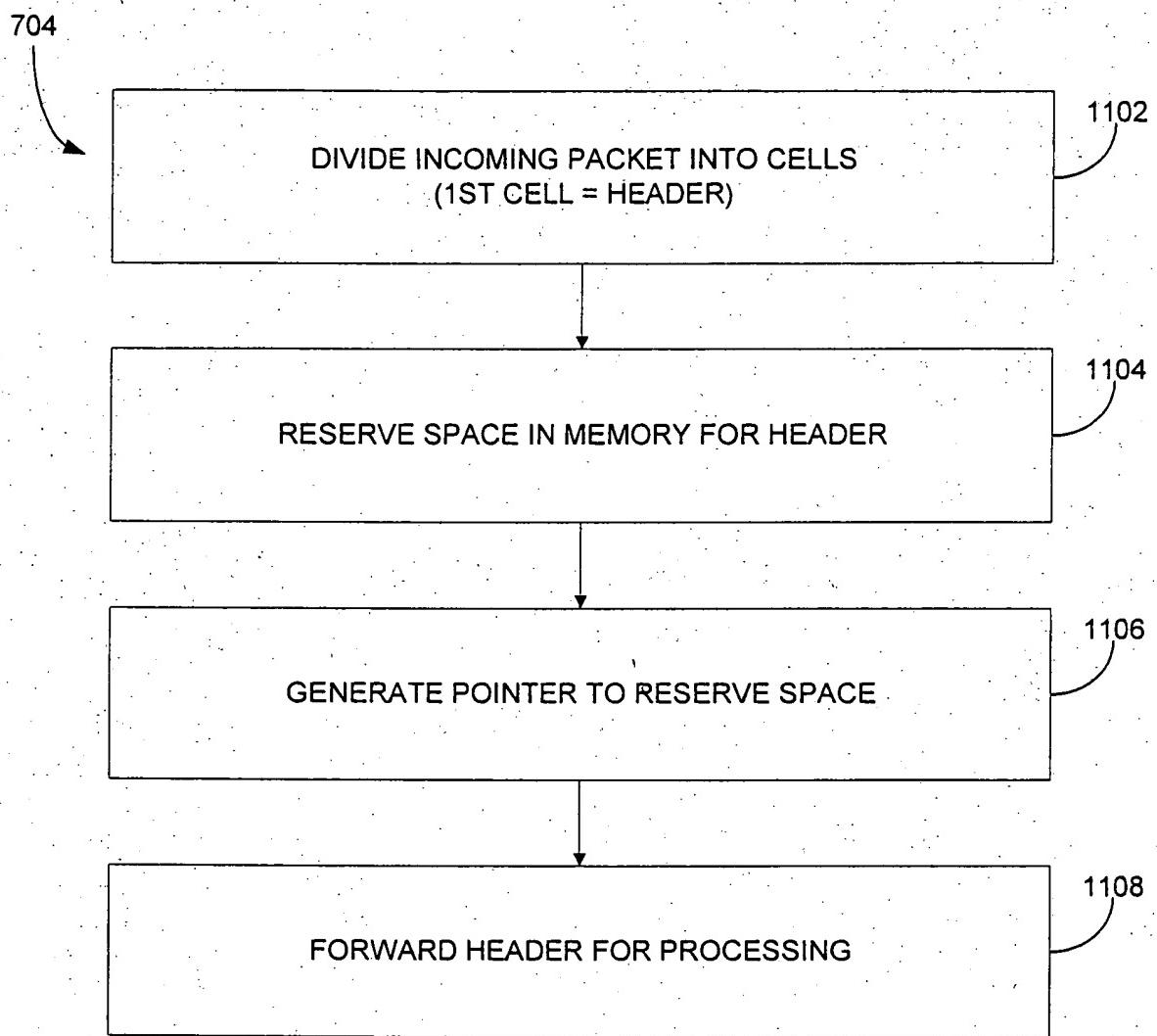


FIG. 11

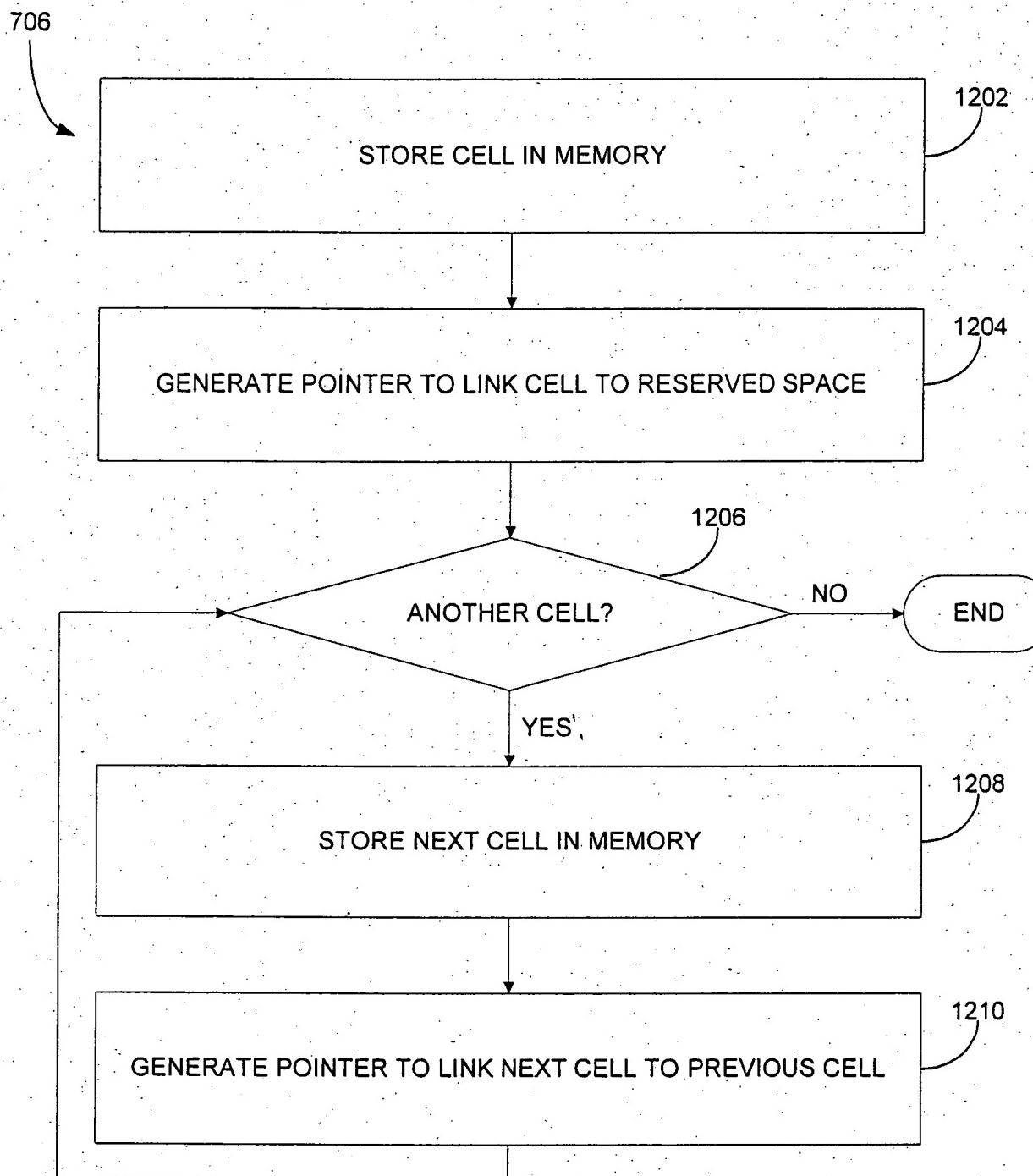


FIG. 12

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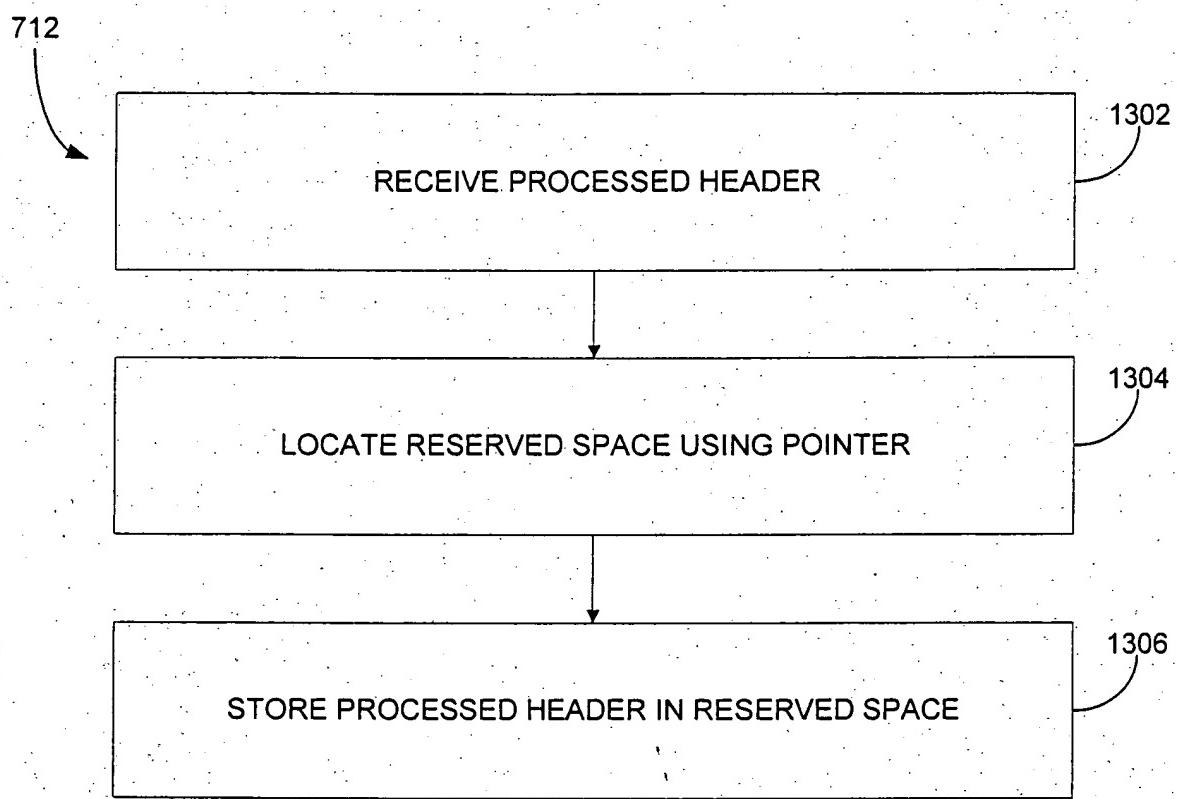


FIG. 13

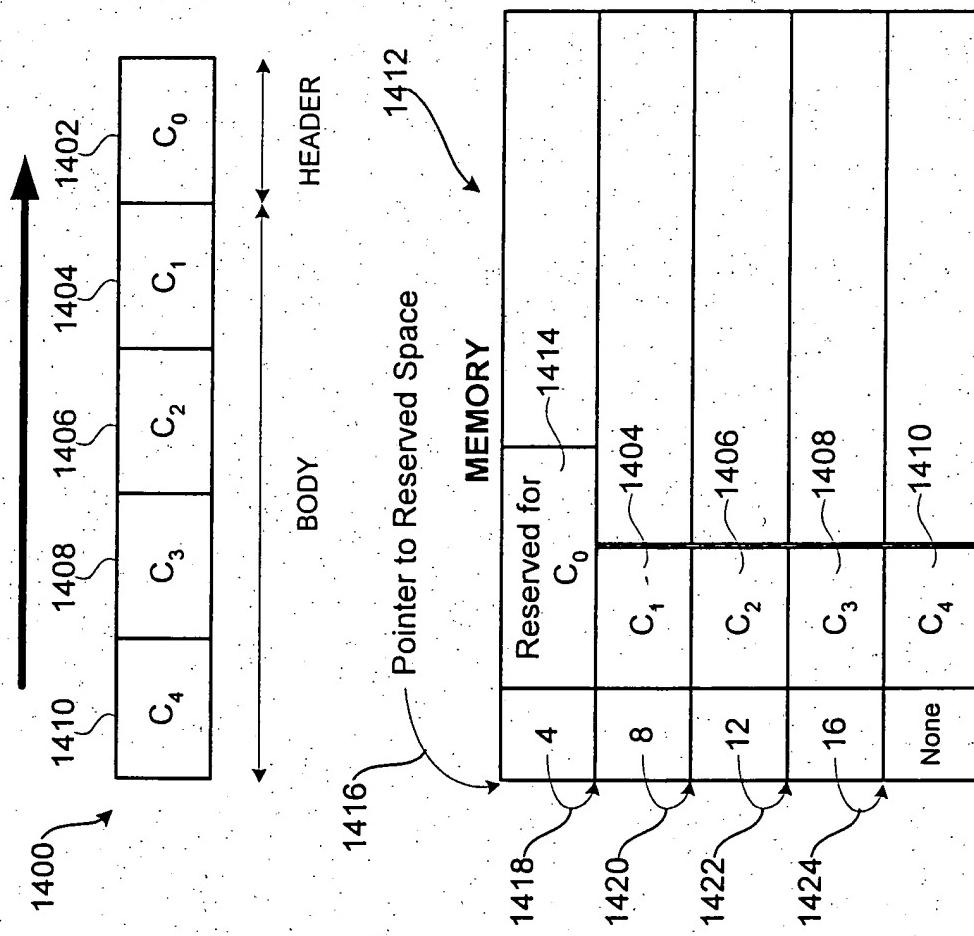


FIG. 14

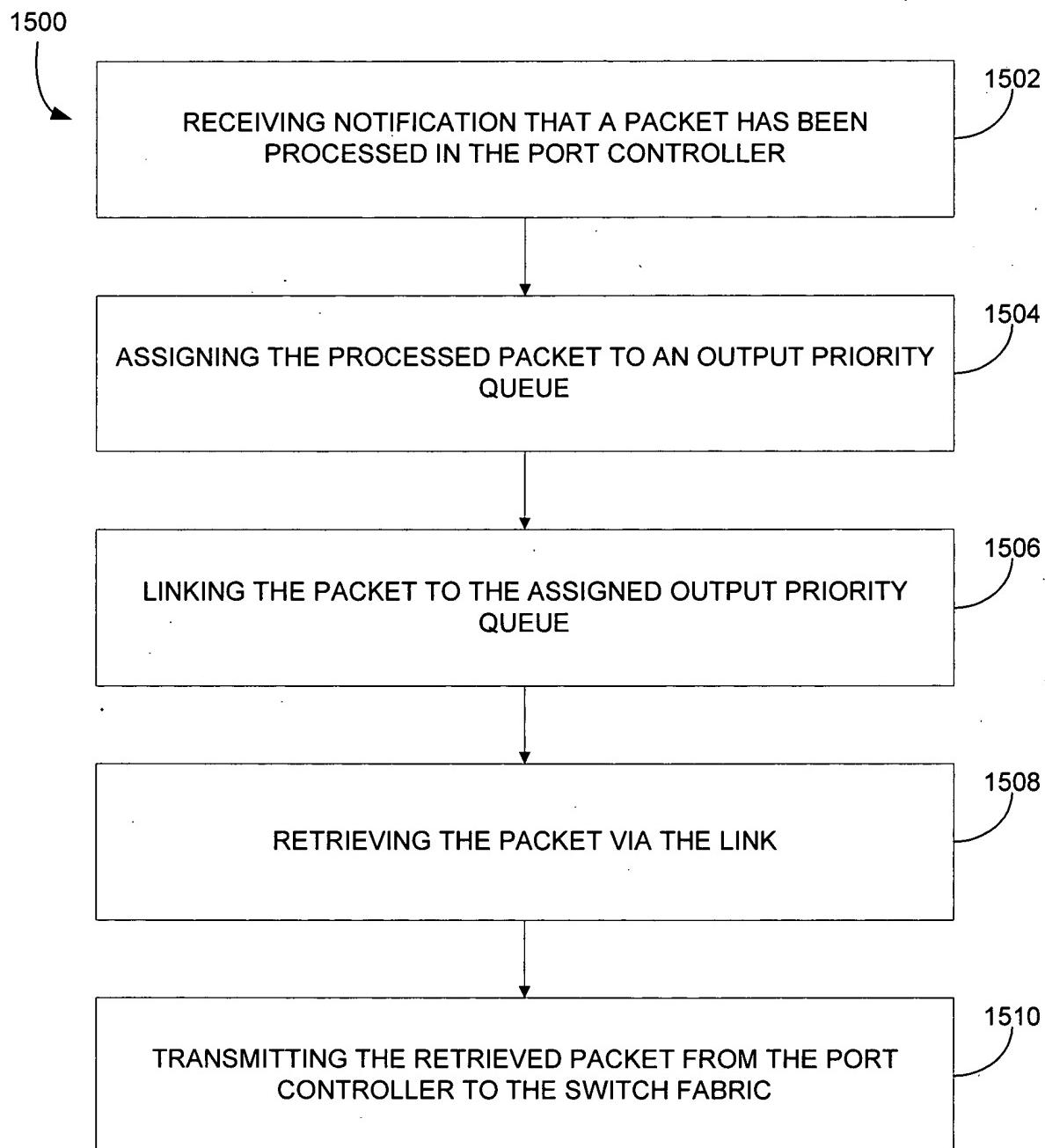


FIG. 15

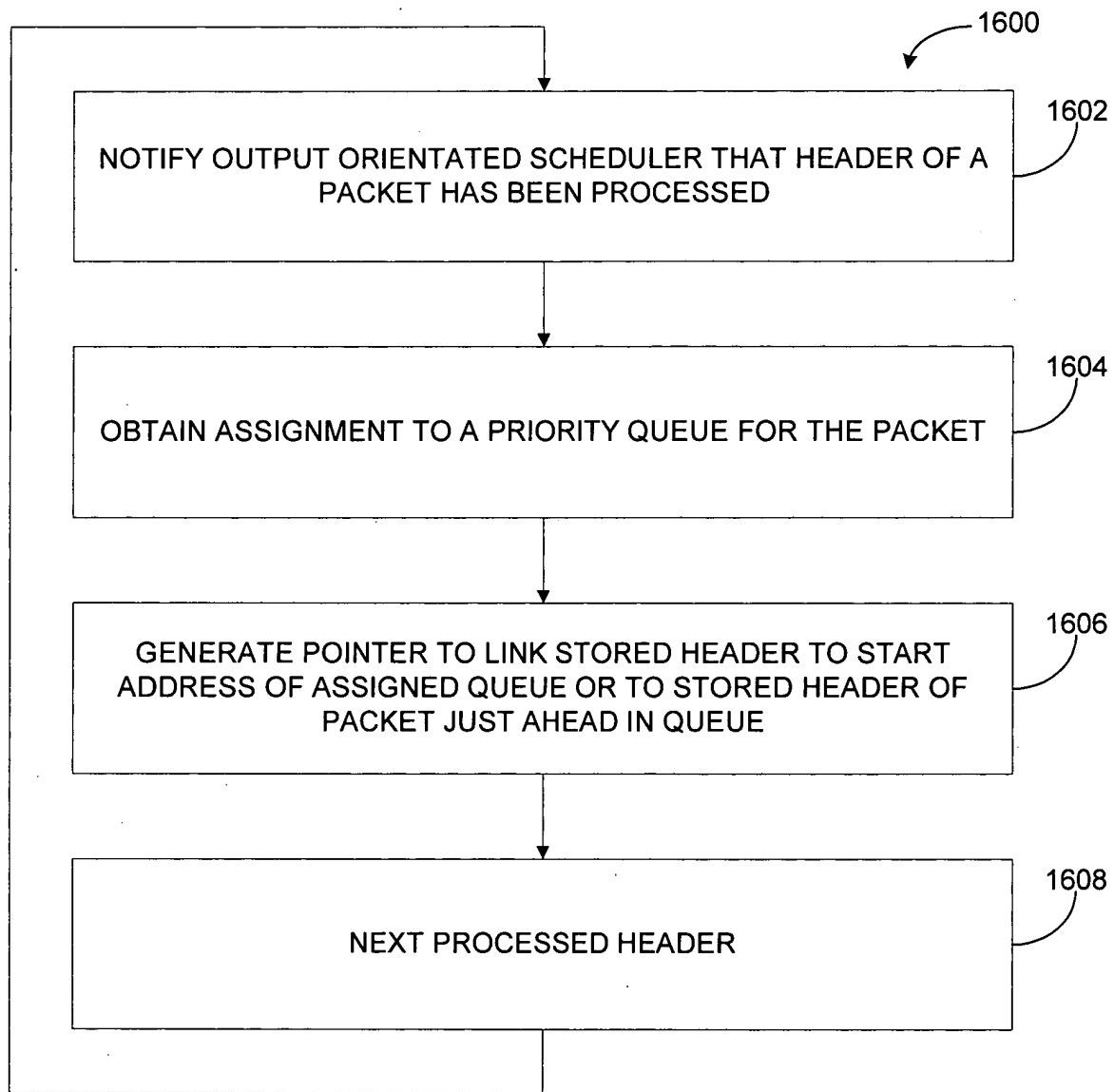


FIG. 16

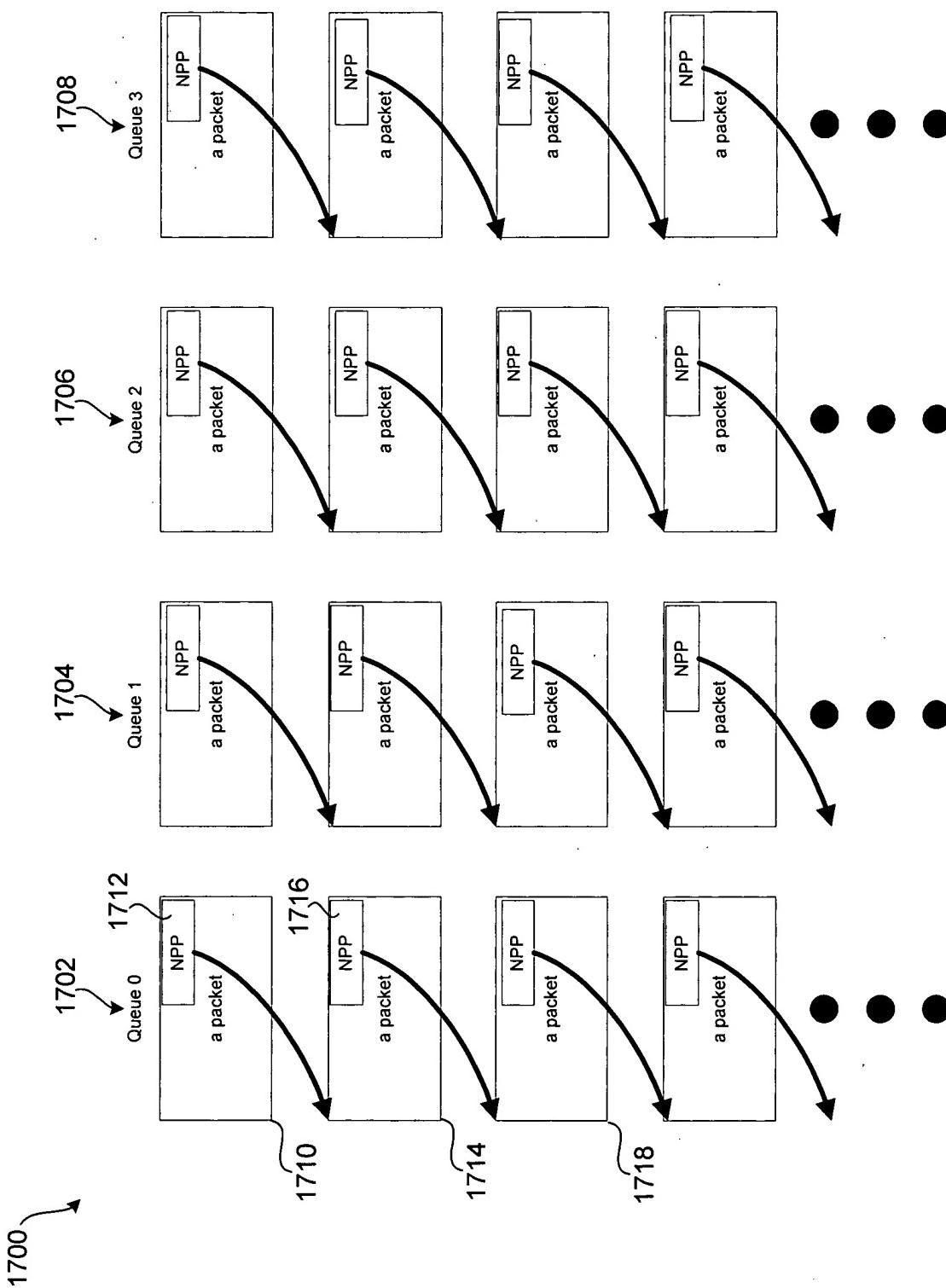


FIG. 17

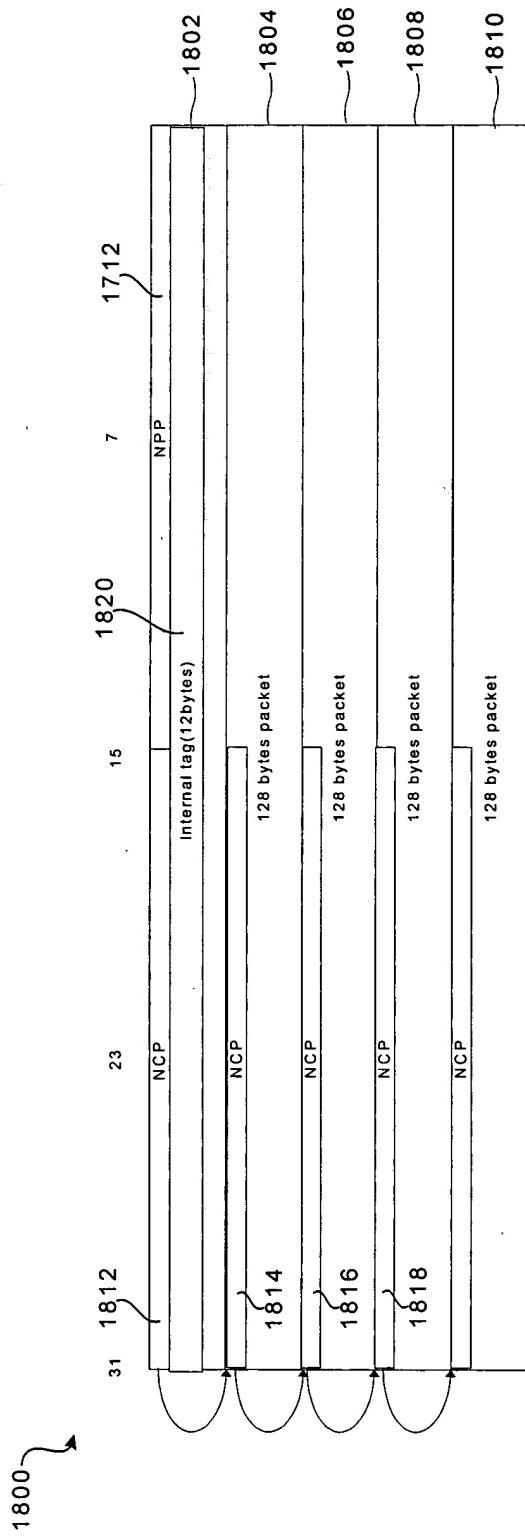
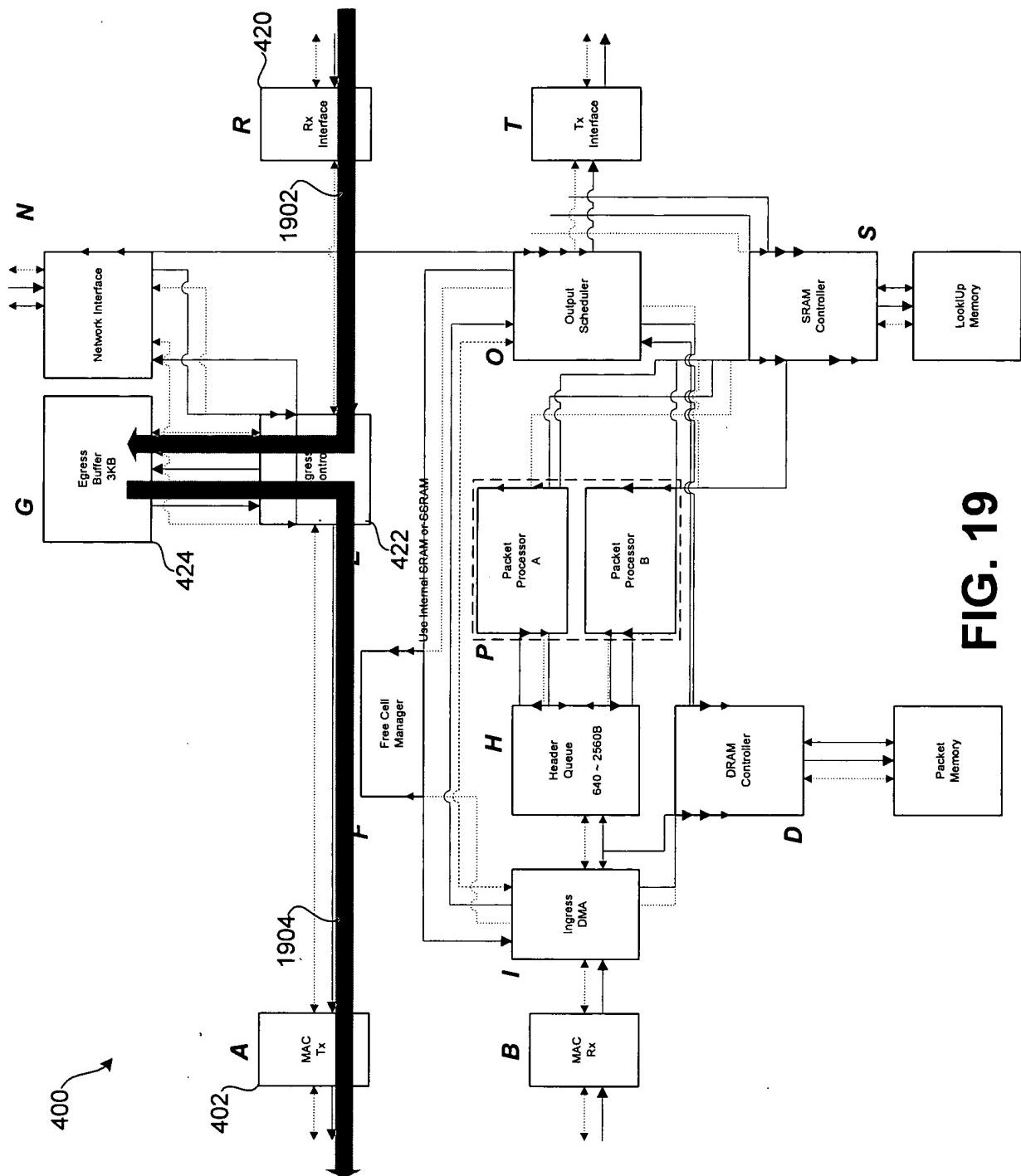


FIG. 18

**FIG. 19**

SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR UPDATING A SWITCHING TABLE IN A SWITCH FABRIC CHIPSET SYSTEM

Inventors: You-Sung CHANG, et al.
Attorney Docket No.: 56030.00027

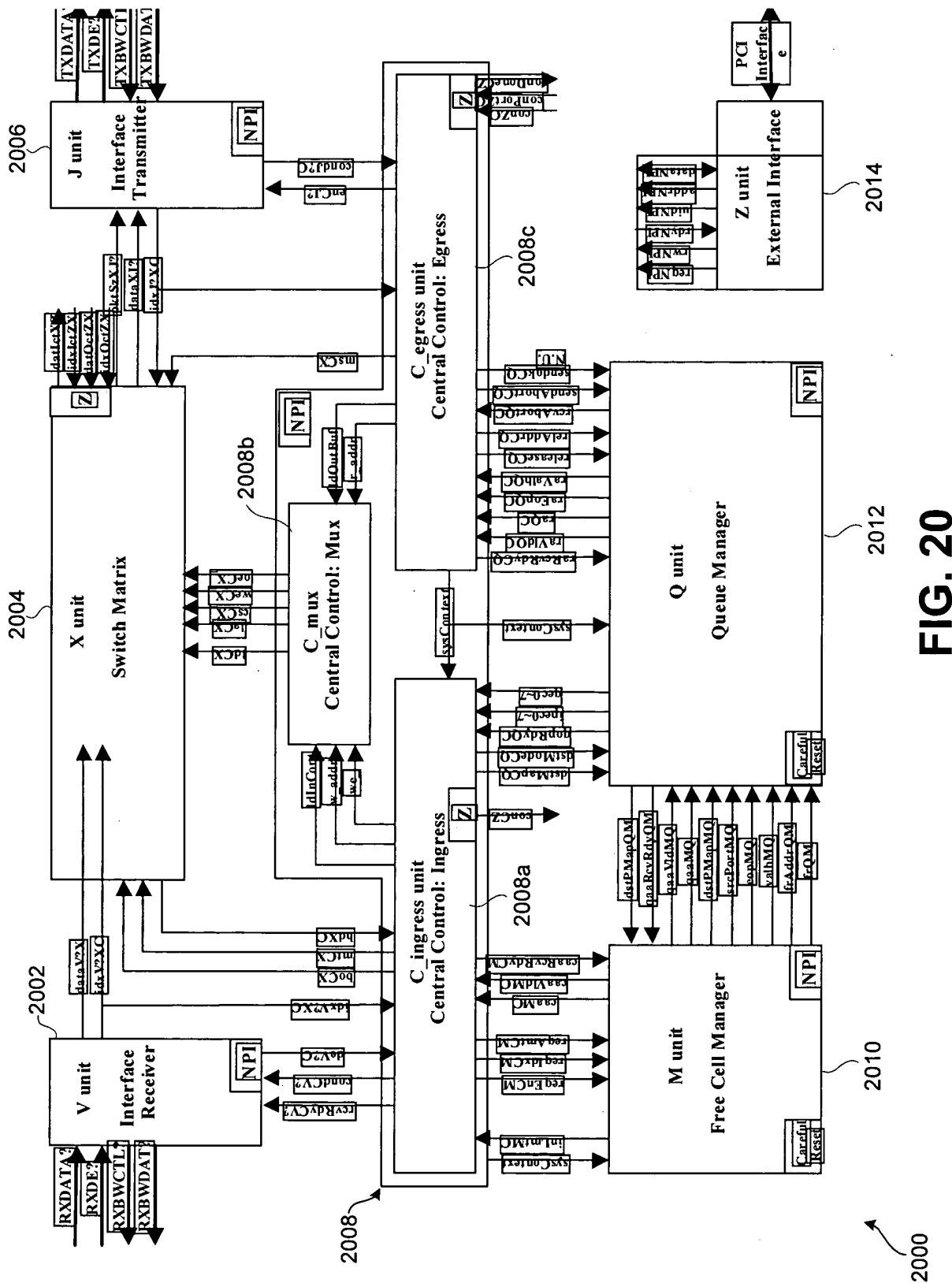


FIG. 20

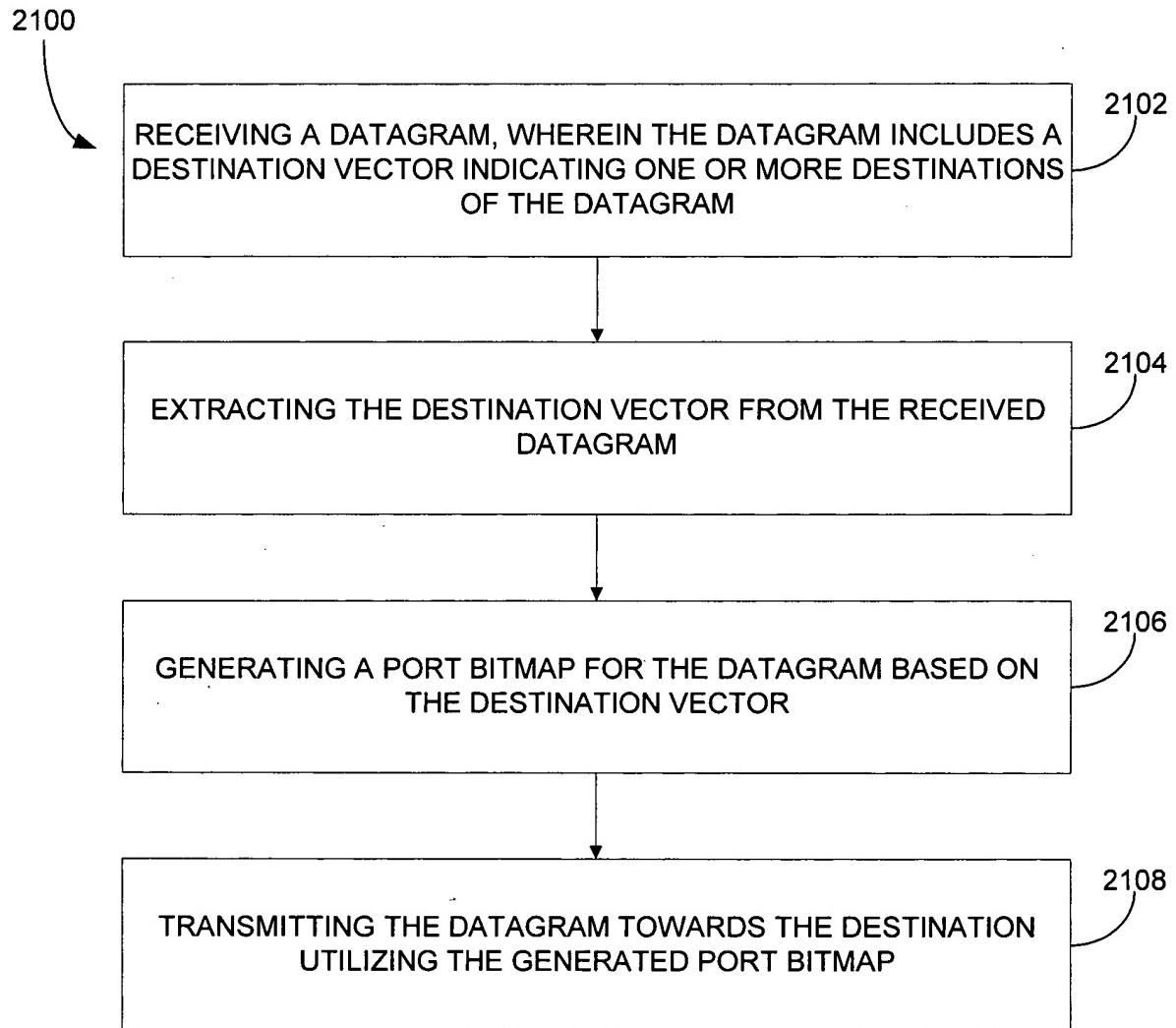


FIG. 21

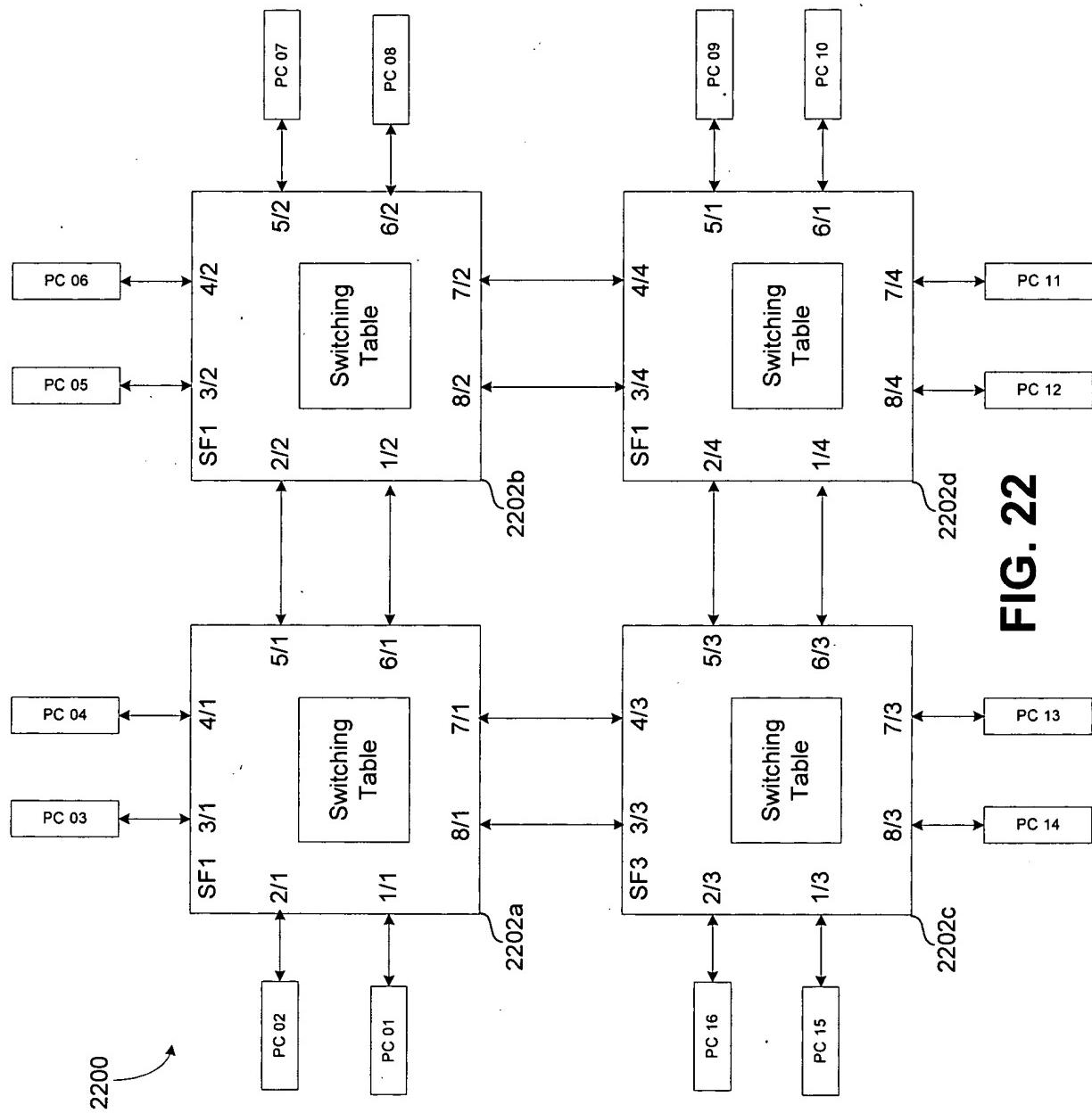


FIG. 22

SF1 SWITCHING TABLE

FIG. 23

SF2 SWITCHING TABLE

FIG. 24

SF3 SWITCHING TABLE

	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
	DEVICE PORT																															
1/3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2/3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
3/3	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4/3	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5/3	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6/3	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7/3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
8/3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	

FIG. 25

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SF4 SWITCHING TABLE

	DEVICE PORT																															
	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
SF PORT	1/4	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
2/4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
3/4	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/4	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/4	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/4	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

FIG. 26

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SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR UPDATING A
SWITCHING TABLE IN A SWITCH FABRIC CHIPSET SYSTEM
Inventors: You-Sung CHANG, et al.
Attorney Docket No.: 56030.00027

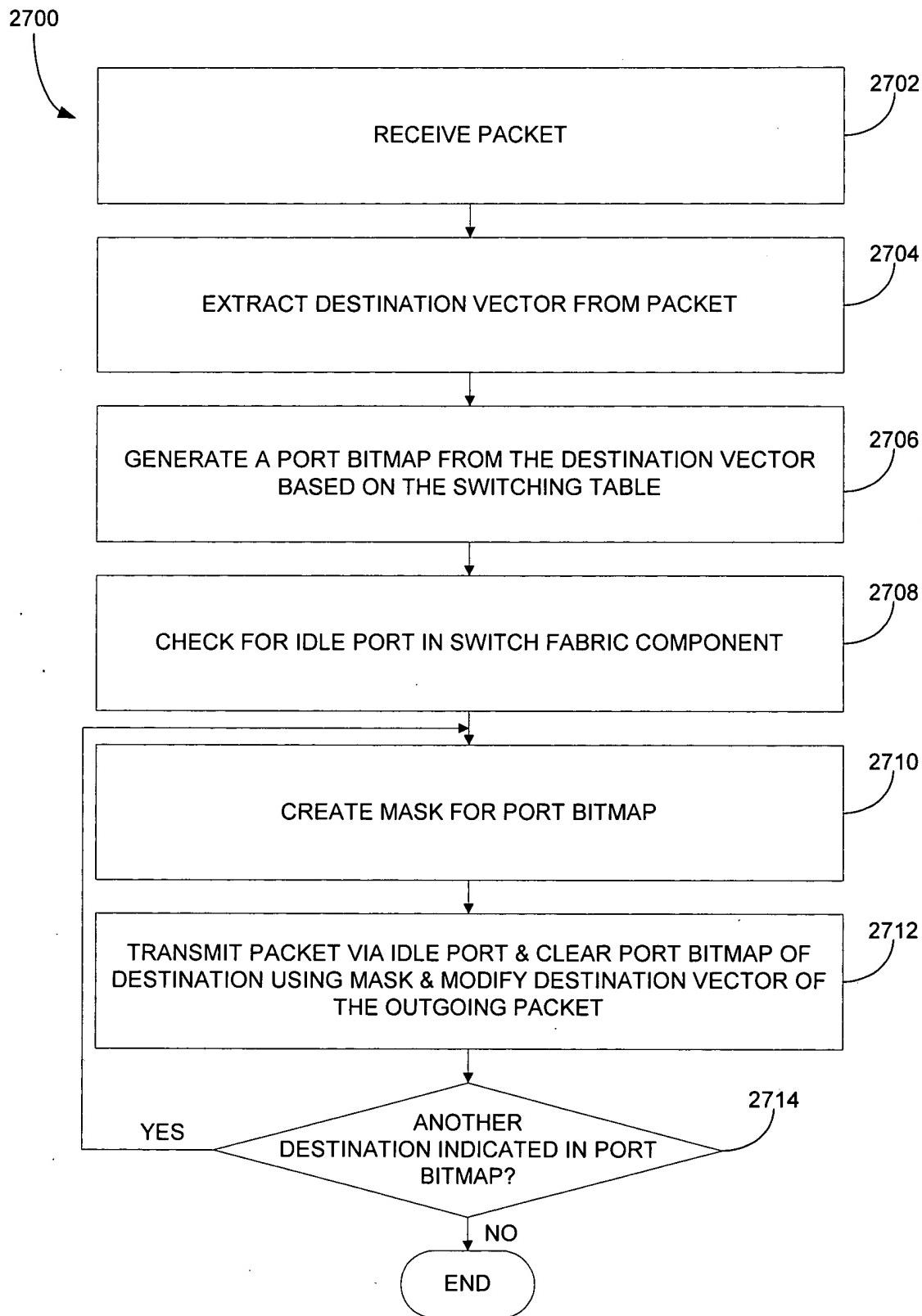


FIG. 27

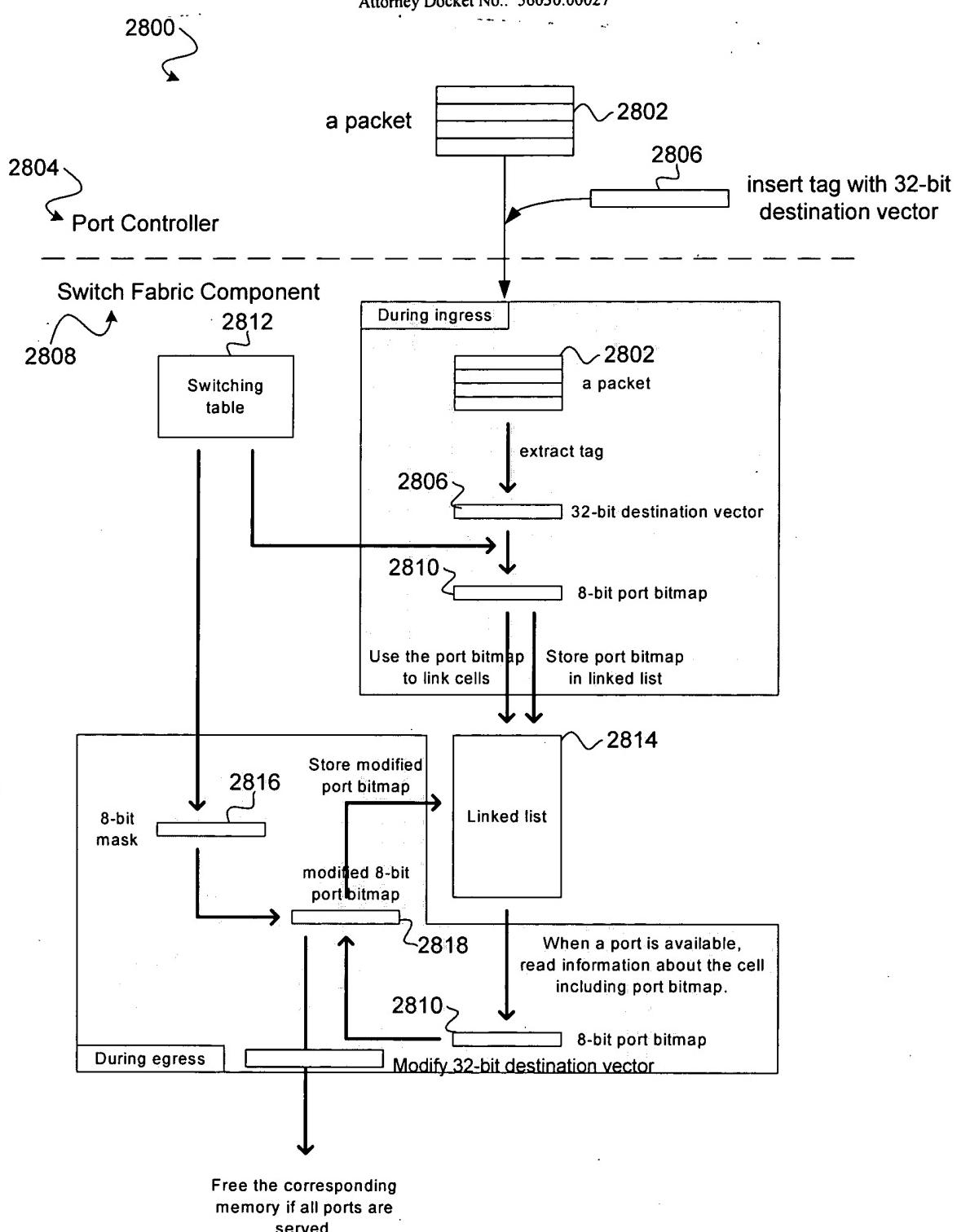
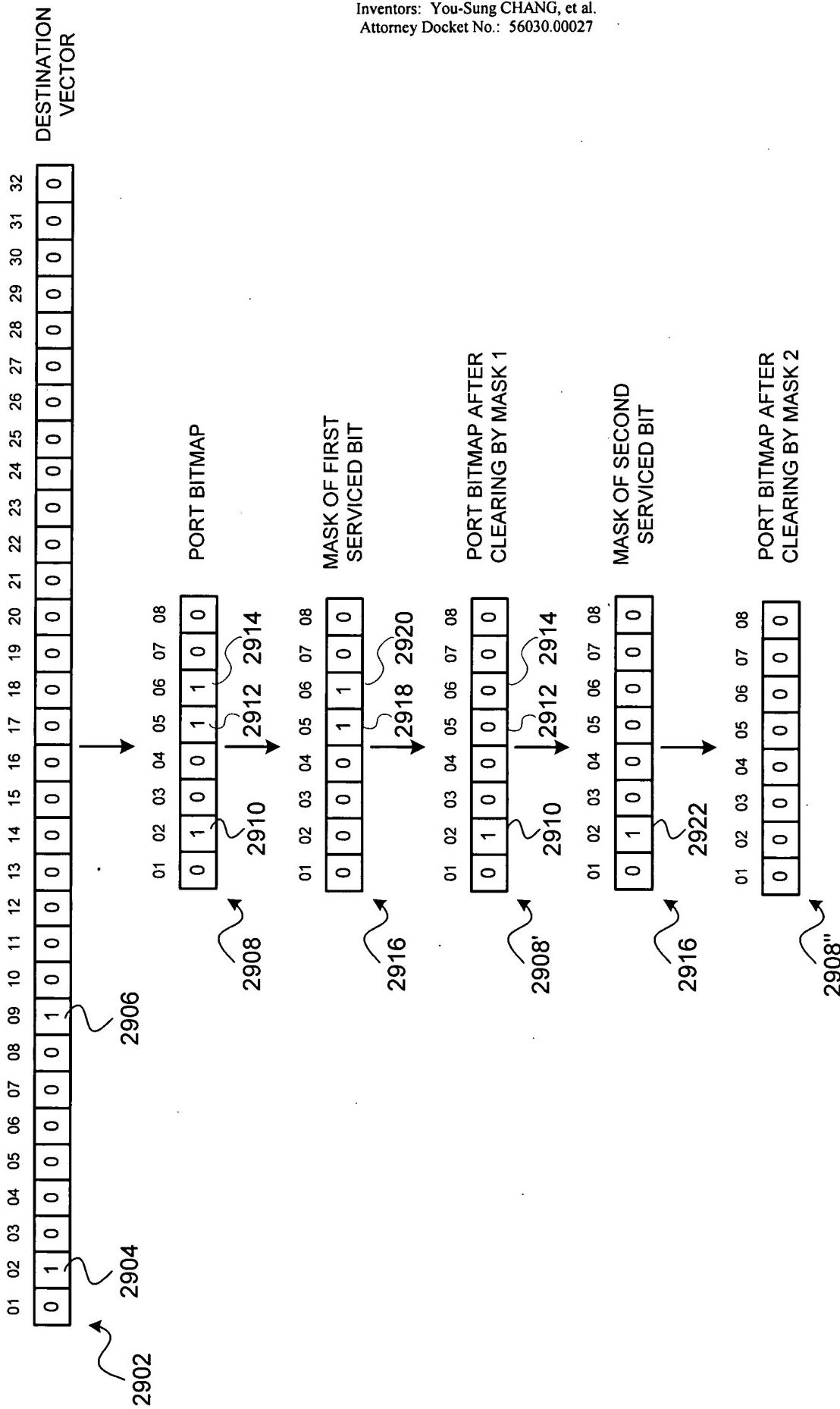


FIG. 28

**FIG. 29**

SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR UPDATING A
SWITCHING TABLE IN A SWITCH FABRIC CHIPSET SYSTEM

Inventors: You-Sung CHANG, et al.

Attorney Docket No.: 56030.00027

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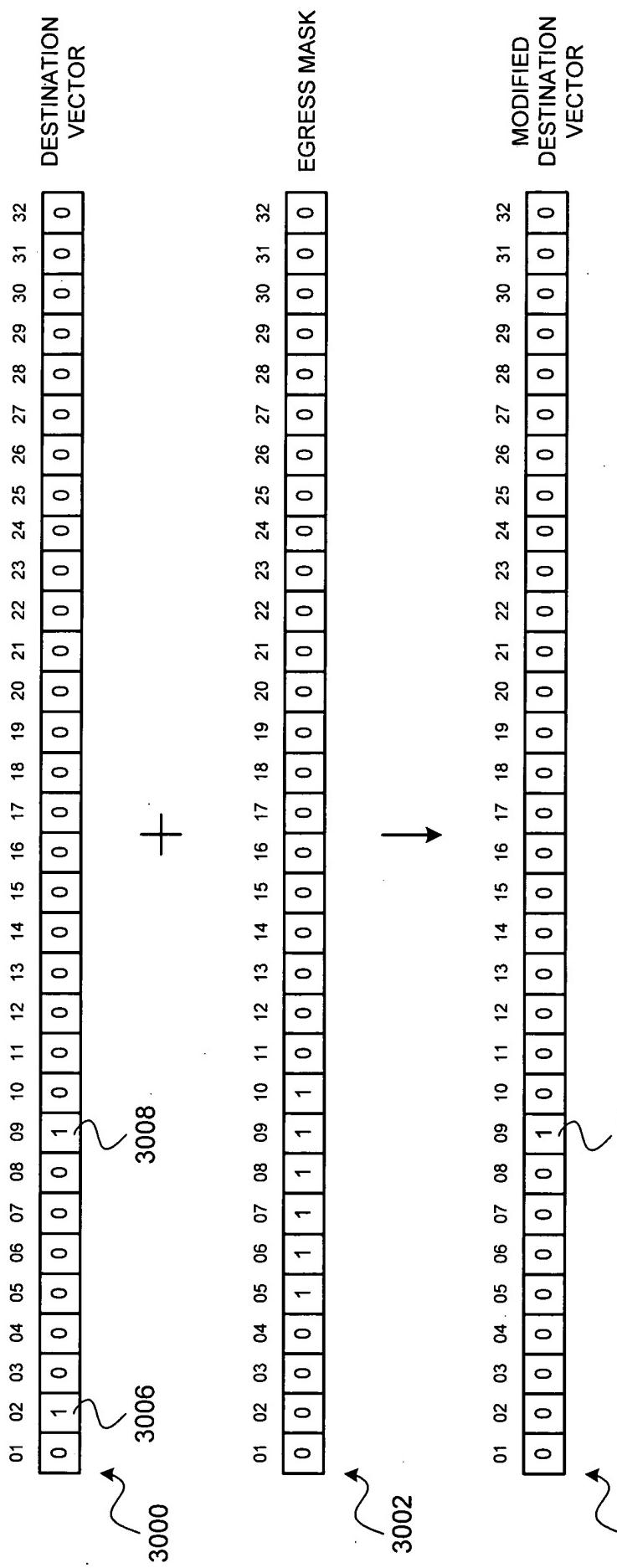


FIG. 30

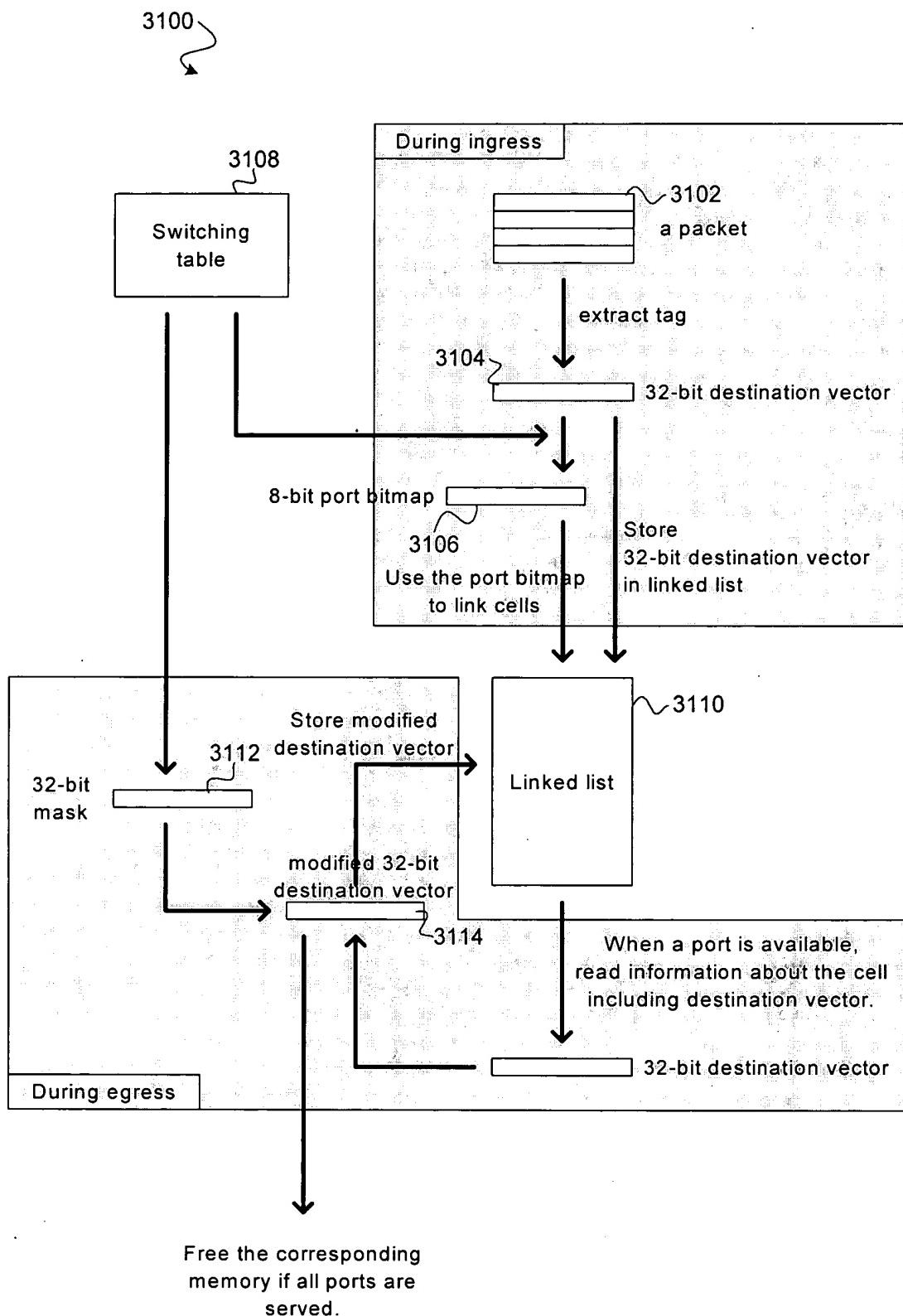


FIG. 31

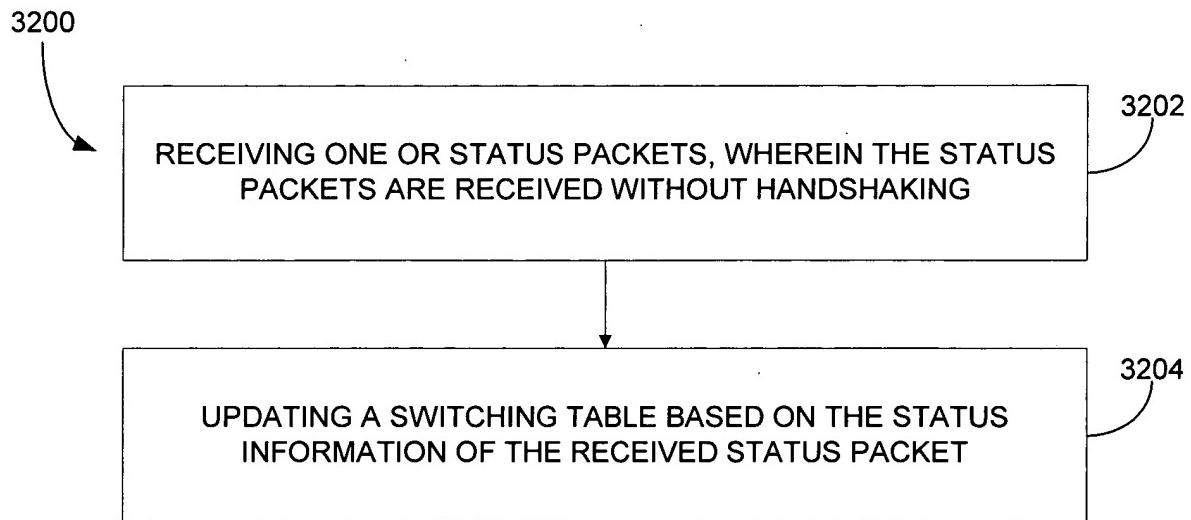


FIG. 32

33/43
SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR UPDATING A
SWITCHING TABLE IN A SWITCH FABRIC CHIPSET SYSTEM
Inventors: You-Sung CHANG, et al.
Attorney Docket No.: 56030.00027

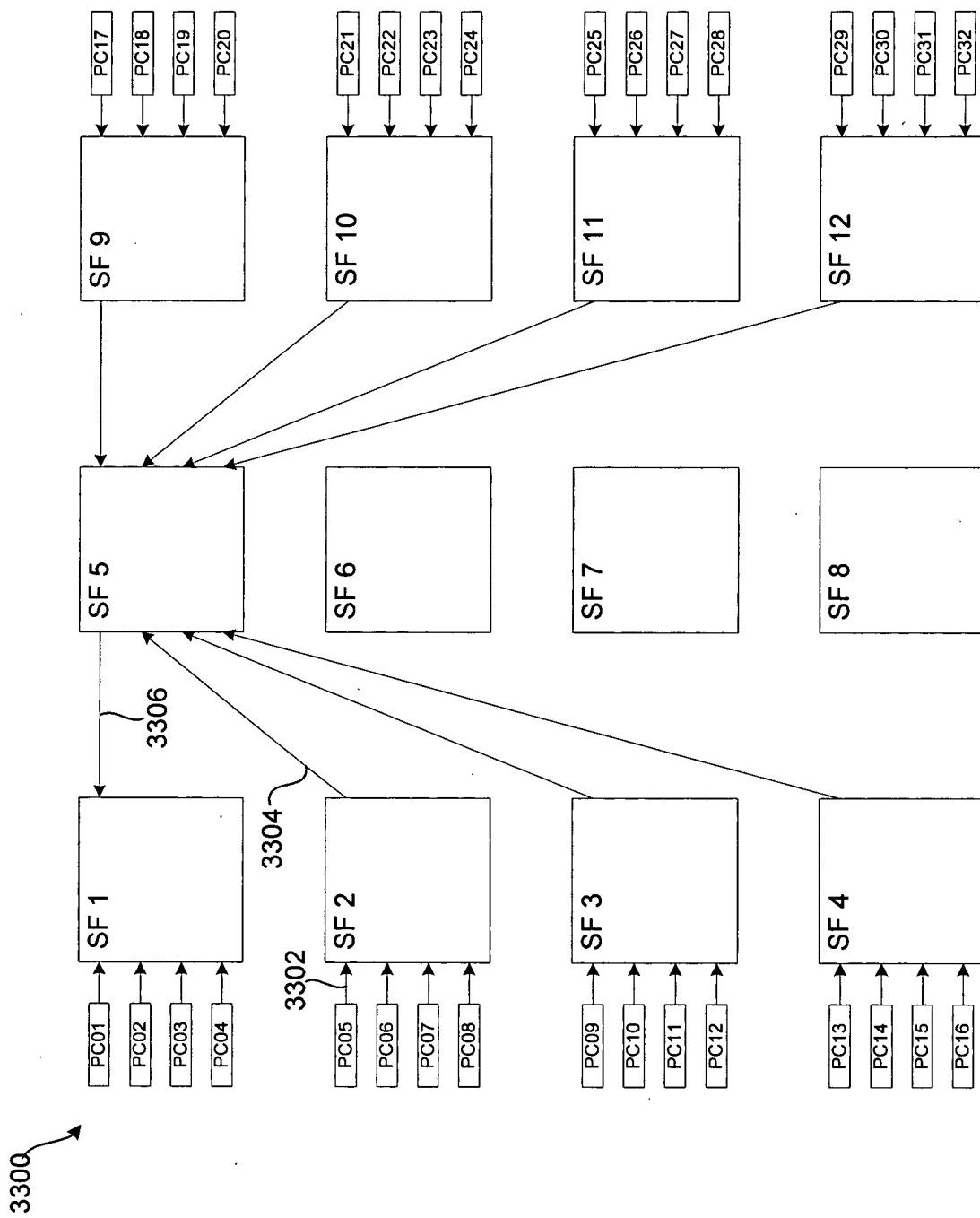


FIG. 33

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**SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR UPDATING A
 SWITCHING TABLE IN A SWITCH FABRIC CHIPSET SYSTEM**
 Inventors: You-Sung CHANG, et al.
 Attorney Docket No.: 56030.00027

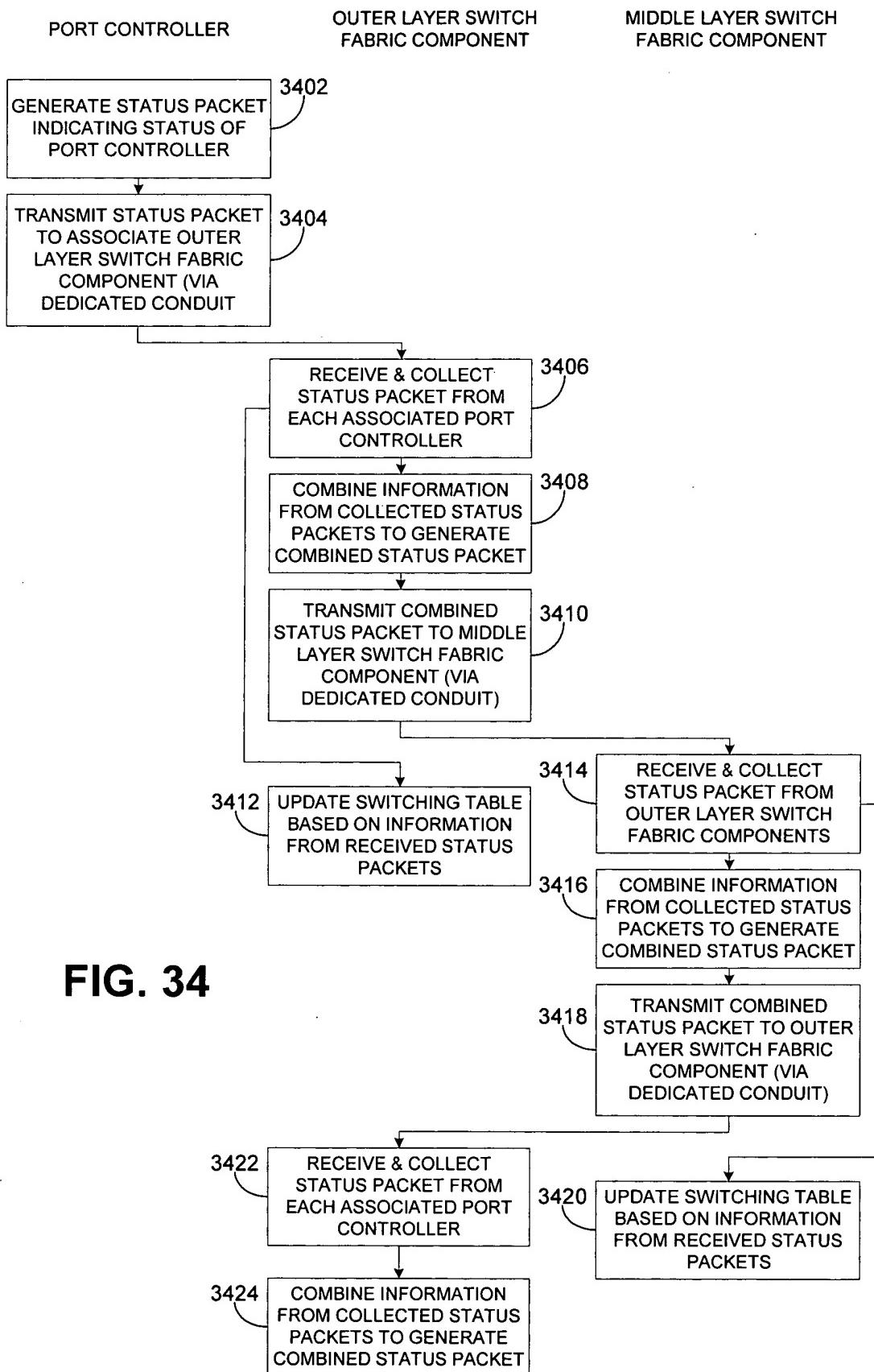
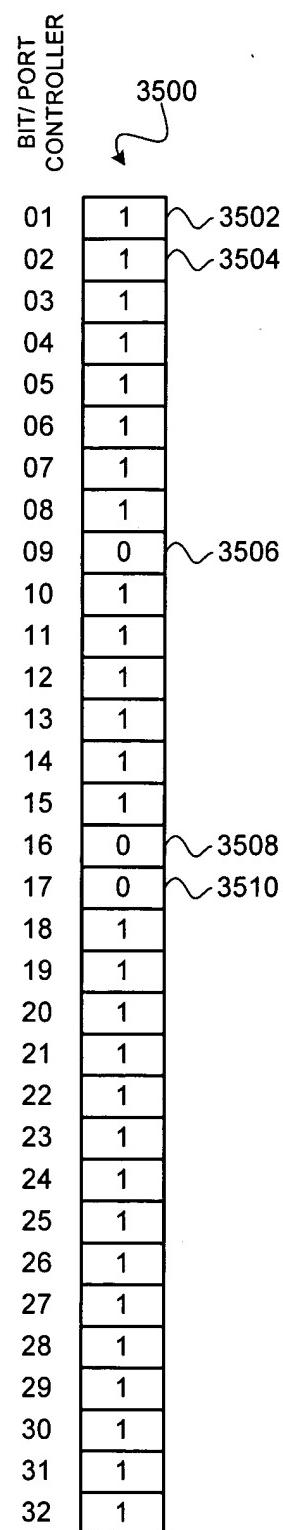


FIG. 34

**FIG. 35**

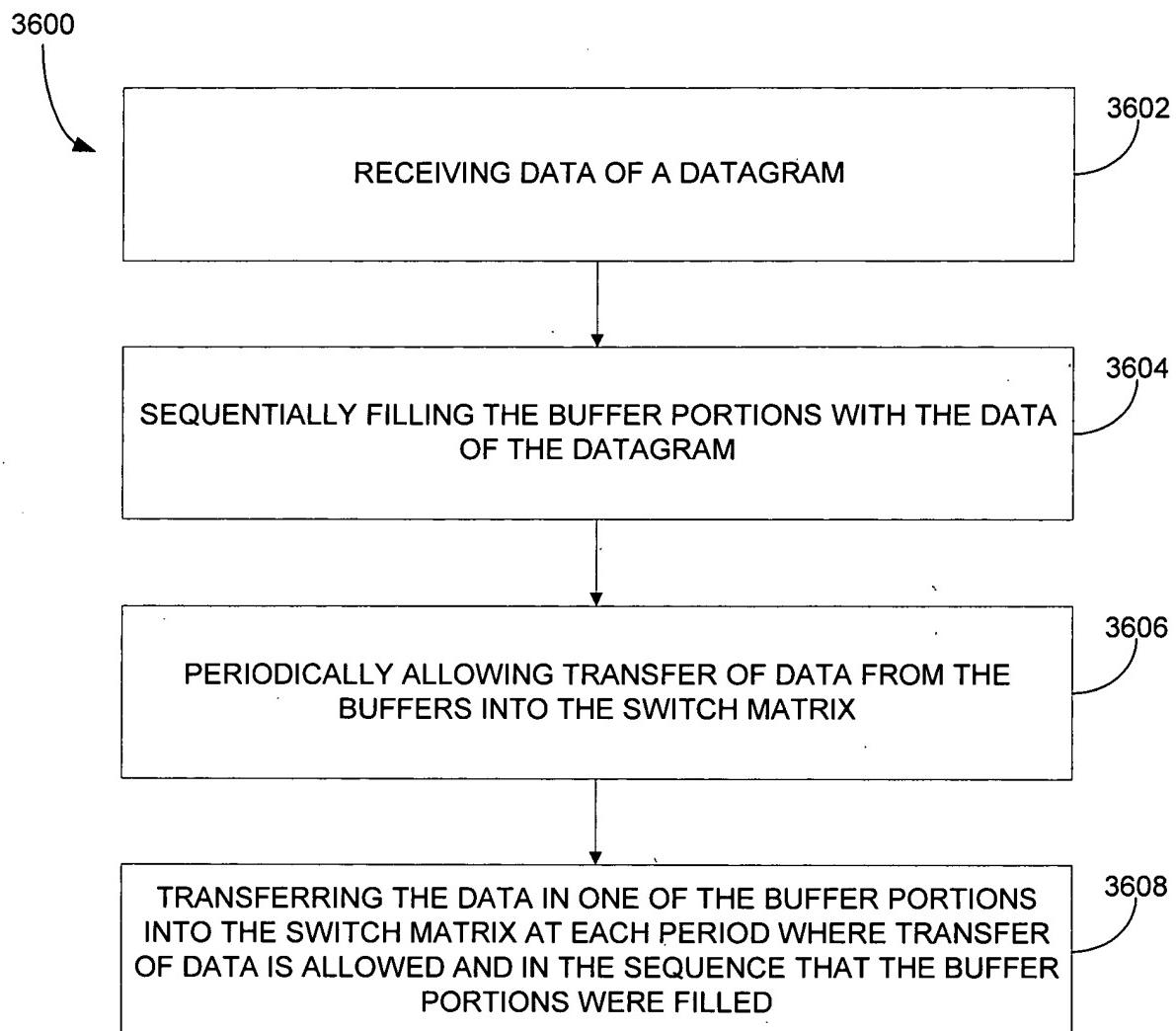


FIG. 36

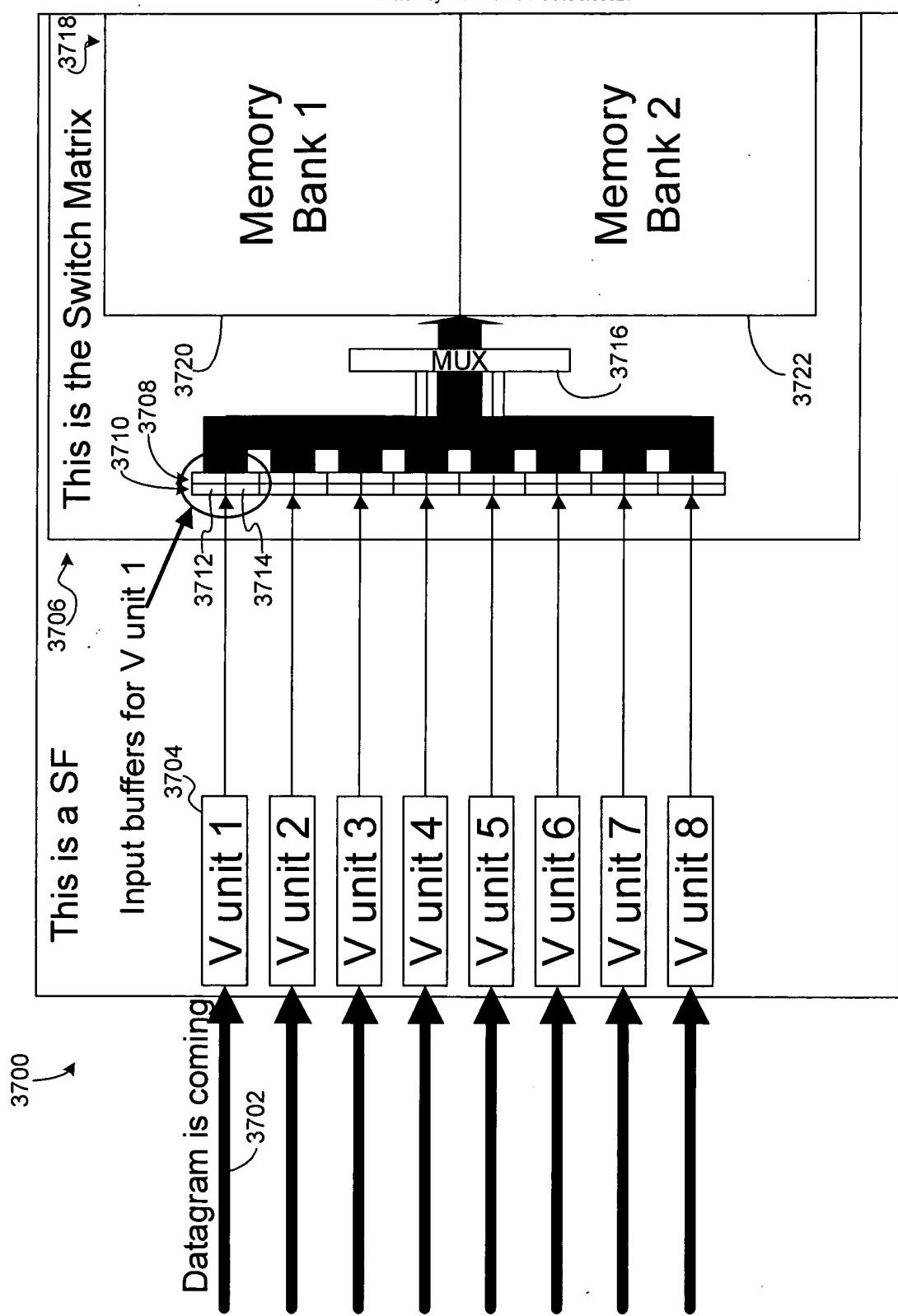
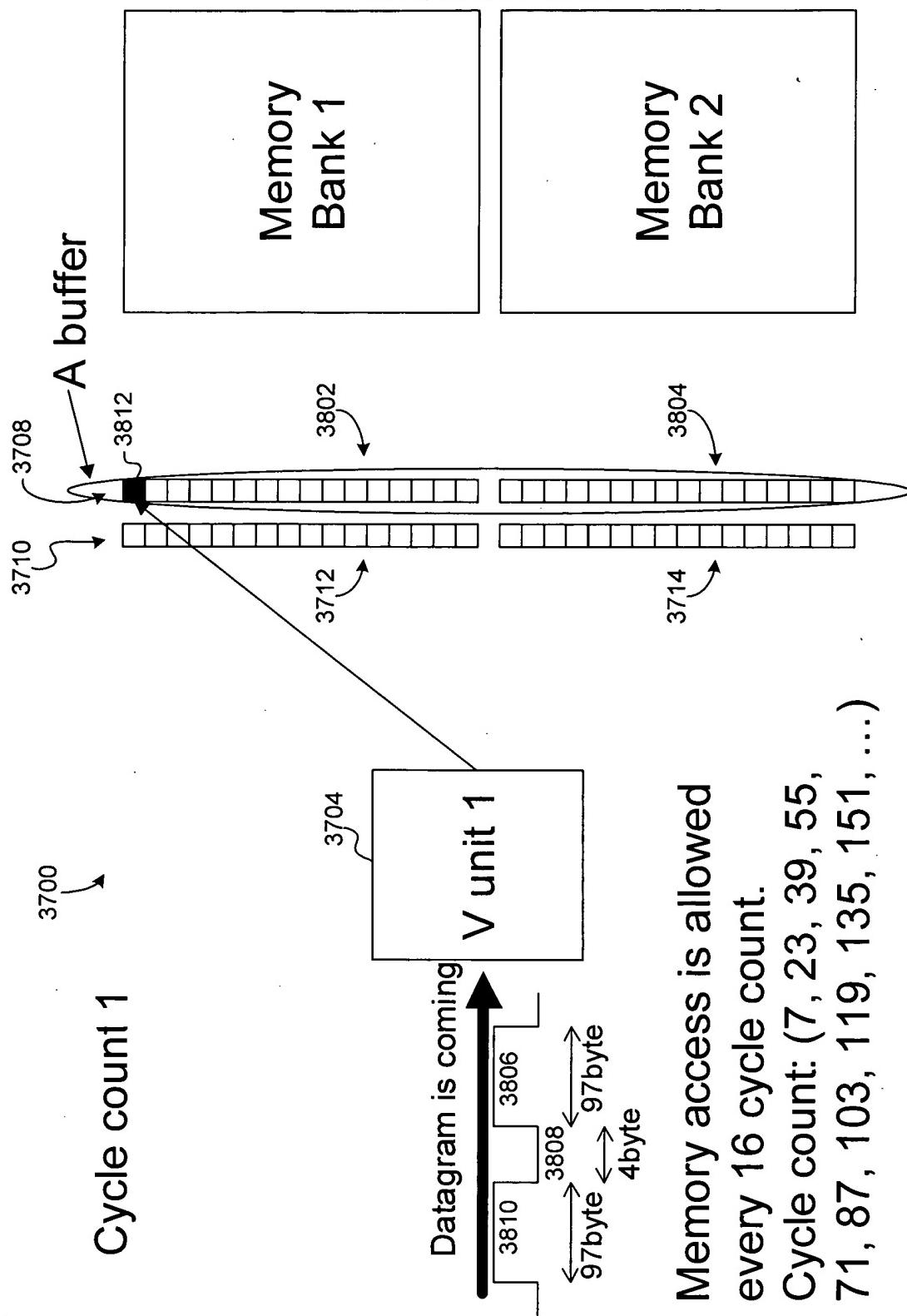
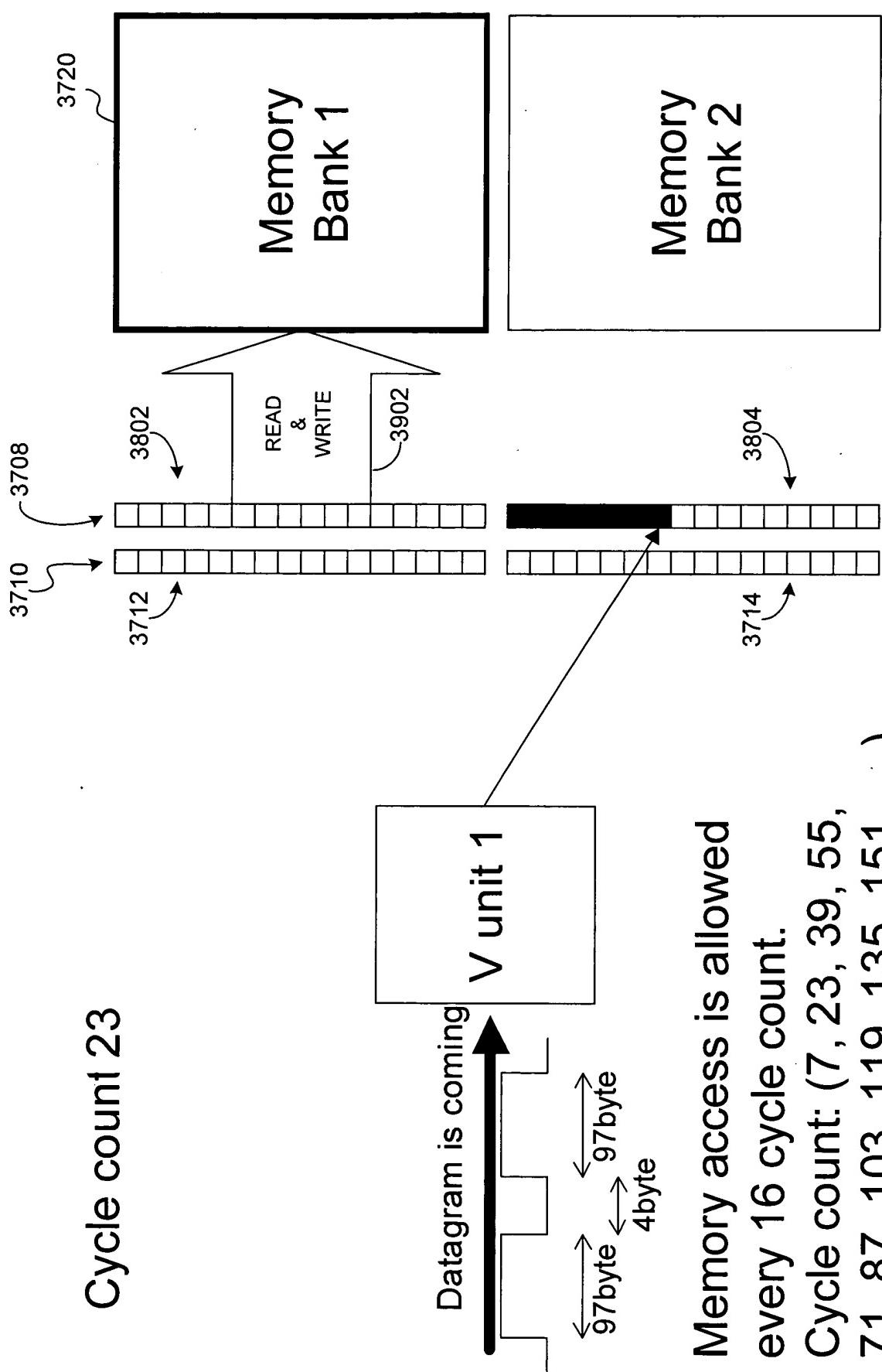


FIG. 37

**FIG. 38**

**FIG. 39**

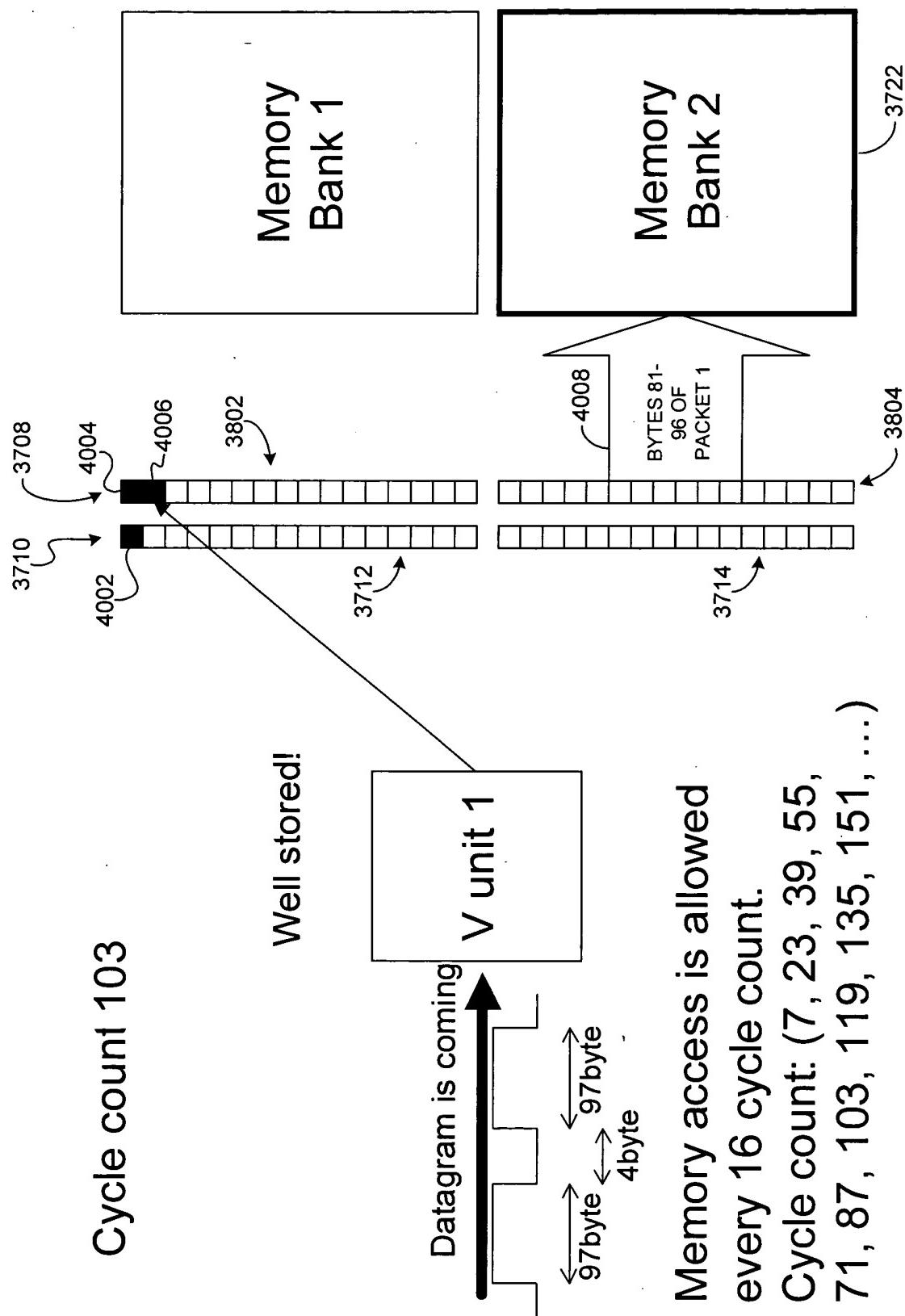


FIG. 40

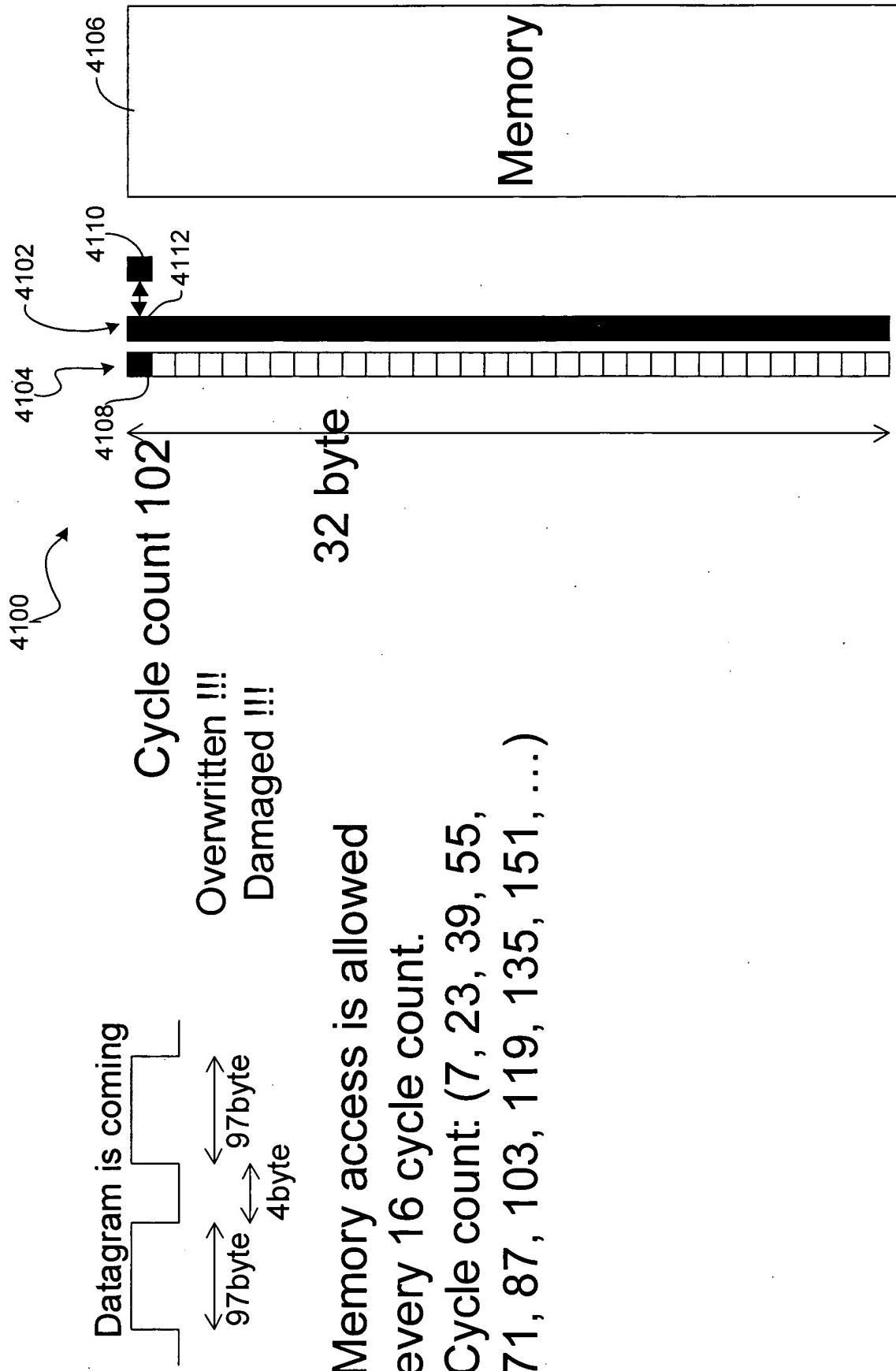


FIG. 41

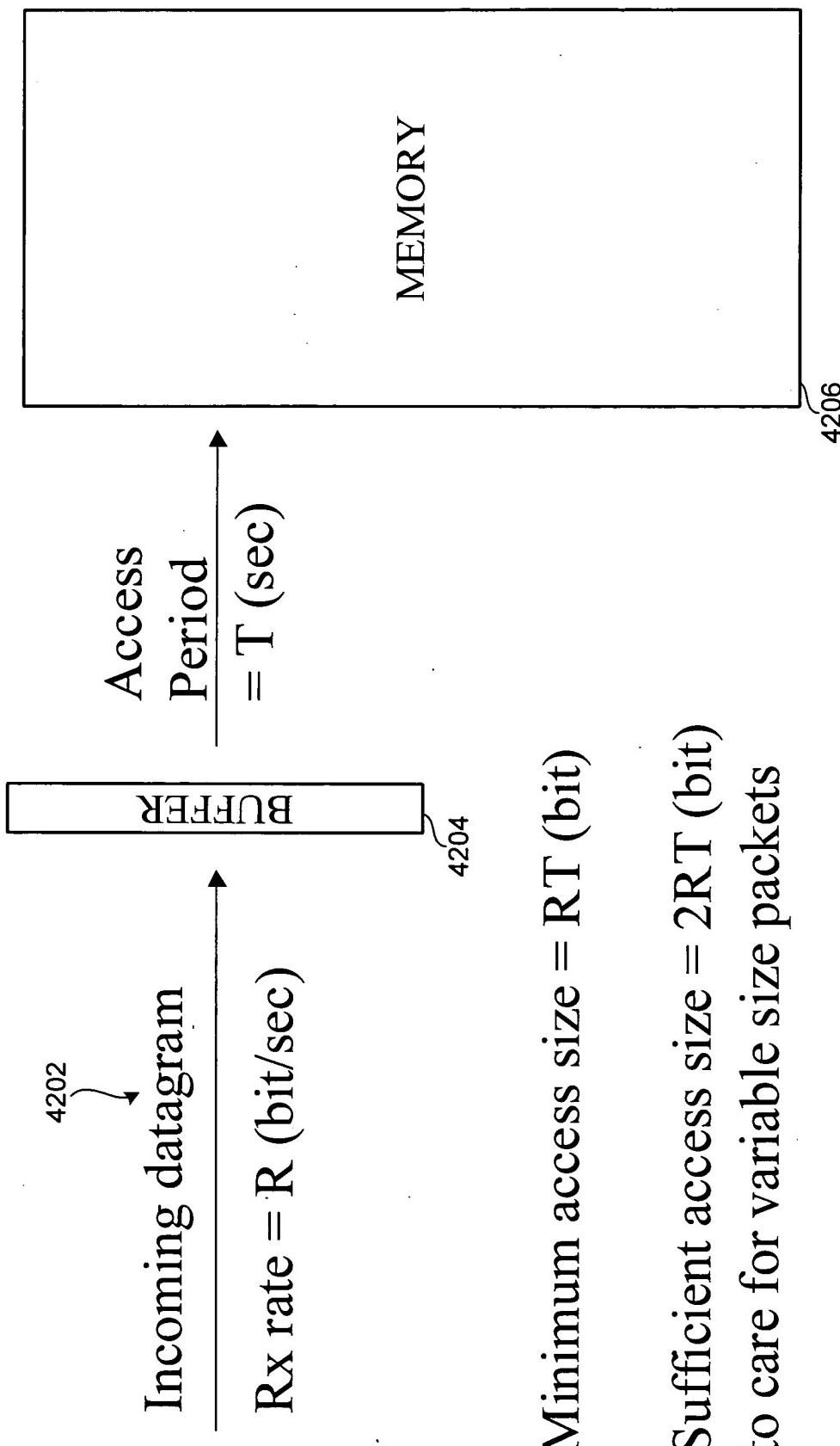


FIG. 42

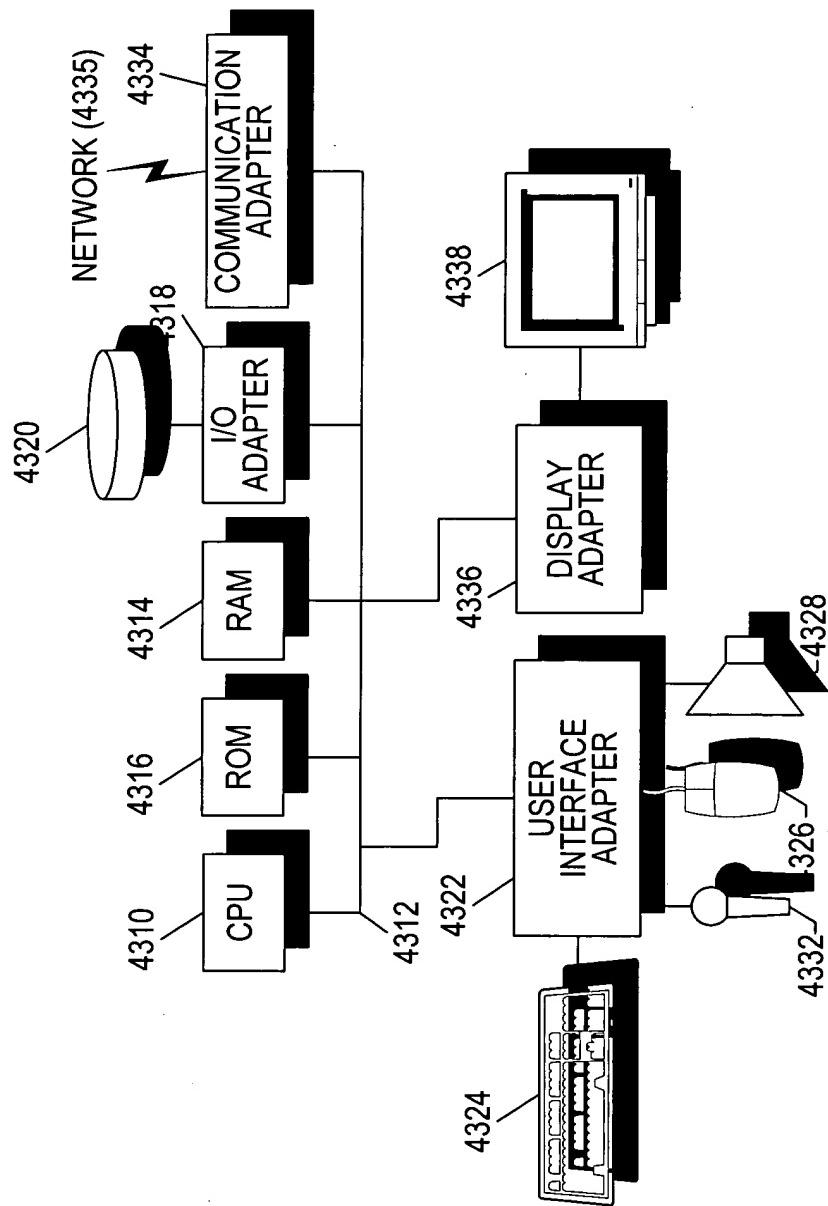


FIG. 43